



NORTHERN ROCKIES COORDINATING GROUP

NORTHERN ROCKIES COORDINATING GROUP (NRCG) INTERAGENCY INCIDENT BUSINESS MANAGEMENT HANDBOOK AMENDMENT

CHAPTER 20 – ACQUISITION

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Approved:

/s/ Paul Grimstad

PAUL GRIMSTAD
Chair

Posting Instructions: Post by document, remove the entire document, and replace with this supplement. Retain this transmittal as first page of document. The last supplement to the Northern Rockies Supplements was NR-2011-7.

New Document	NR-2012-3	64 pages
Superseded Document(s) by Issuance Number and Effective Date	NR-2011-7 (NWCG HB2_20) (4/1/11)	63 pages

Digest:

20.01-1 – Updates federal agency information.

24

- Rates revised in 2012, set for three years (through 2014).
- Addition of Forest Service local competed agreements.
- Addition of contact for BIA administered contract for crew buggies.
- Clarification added for heavy equipment transport.
- Change the hourly repair rate from \$75 to \$90.
- Addition of standards and rates for chippers and mulchers
- Added and updated contract information
- NOTE: The following items are under a Regional or National Solicitation and the Dispatch Priority List (DPL) or resource list generated for these solicitations should be the first source of supply. All DPLs and resource lists are posted on the NRCG website. For exceptions to this policy, e.g. tribal lands, IDL lands, MTDNRC lands, see Chapter 50, Interagency Cooperative Relations.

Bus, Crew Carrier	Soft Track
Caterer, Type 3	Tender, Water (Support)
Crew, Type 2 IA	Tent/Canopy
Dozer	Toilet, Portable
Engine	Trailer, Communication
Excavator	Trailer, Helicopter Operations Support
Faller Module	Transport
GIS Unit	Transportation, Rental Vehicle
Handwashing Station, Portable	Truck, Gray Water
Office, Clerical Support Module	Truck, Mechanic/Service
Pumper Cat	Truck, Potable Water
Sack Lunch	Weed Wash
Skidgines	

NOTE: The following items may be awarded under local solicitations and the DPL generated for these resources should be the first source of supply. The NRCG website will list specific dispatch zones hosting these resources.

- Graders
- Feller bunchers
- Skidders
- Coach buses
- Crew buggy

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24 - ACQUISITION METHODS

24.2 - Land Use and Facility Rental Agreements

The rental of bare land and facilities for fire purposes requires the same degree of good business judgment, including reasonable price determinations, as any other procurement action. In making the determinations, as to price fairness, consideration should be given, but not limited to, the following items: Fair market rental rates for land in the area; costs to the landowner, such as moving of stock, loss of rental fees from other sources, disruption; alterations needed and who will make them; impacts on the land, costs of restoration, and who will do the restoration work; duration of rental, (emphasis should be on weekly or monthly rates), with a limit on total costs. Real estate firms and/or the USDA Forest Service Regional Office leasing specialist may be able to assist in determining local rental rates. Other considerations require good judgment and the prudent exercise of negotiation techniques. Ensure it is identified when the month begins and when it ends, such as, 7/15-8/13, or 30 days.

A joint pre- and post-inspection, including pictures, shall be made of the premises. Such inspection shall note all improvements and their condition, including items such as fences, buildings, wells, crops, and road conditions.

The Forest Service is required to use an approved form, such as Form SF-1449, with the Land Use Agreement as an attachment.

24.3-2 - General Guidelines for Equipment Hire

1) Laws, Regulations, and Guidelines

- a) Service Contract Act (SCA) Wage Determination. Federal agencies shall apply the SCA to all rentals wherein service employees are used, except for owner/operators. Contractors are responsible for paying these rates. Current Wage Determination is posted on the NRCG website.

The Procurement Unit Leader shall post copies of the applicable Wage Determination Service Contract Act and Fair Labor Standards Act posters in a public location at each incident camp.

- b) Operator Hour Limitations. Operator assignments should be on a scheduled rotation for each operational period if the equipment is working 24 hours per day. When equipment is used less than 24 hours per day and only one operator is provided, the operator's schedule shall be based on an operational period allowing a minimum of 8 hours off duty between operational periods (all work: rest guidelines in IIBMH, Chapter 10, shall apply).
- c) Licensing Requirements. If a piece of equipment requires a licensed operator then all private sector operators shall have a valid license for the equipment operated. Equipment requiring a Commercial Driver's License (CDL) is classified in two ways: (1) by Class and (2) by Type. See section 28, Exhibit 23, in this supplement. All commercial vehicles must meet the insurance requirements in 49 CFR 387.7. This information can also be located at the following website: www.fmcsa.dot.gov.
- d) Personnel Requirements. Reference Exhibit 23 and within each equipment category as needed.
- e) Department of Transportation (DOT)

Please refer to website: www.fmcsa.dot.gov

Current safety ratings for contractors may be assessed at the following website: www.saferysys.org and <http://ai.volpe.dot.gov/SMS/>

All commercial motor vehicles must be licensed for interstate travel. Commercial motor vehicles as described by Federal Motor Carrier Safety Regulation 390.5 are defined as:

- Commercial motor vehicle means any self-propelled or towed motor vehicle used on a highway in interstate commerce to transport passengers or property when the vehicle-
 - (1) Has a gross vehicle weight rating (GVWR) or gross combination weight rating (GCWR), or gross vehicle weight (GVW) or gross combination weight (GCW), of 4,536 kg (10,001 pounds) or more, whichever is greater; or
 - (2) Is designed or used to transport more than 8 passengers (including the driver) for compensation; or
 - (3) Is designed or used to transport more than 15 passengers, including the driver, and is not used to transport passengers for compensation; or
 - (4) Is used in transporting material found by the Secretary of Transportation to be hazardous under 49 U.S.C. 5103 and transported in a quantity requiring placarding under regulations prescribed by the Secretary under 49 CFR, Subtitle B, Chapter I, Subchapter C.

In addition all commercial motor vehicles must meet all DOT requirements found in 49 CFR 390 through 396.

- f) Gross Vehicle Weight (GVW)/Gross Vehicle Weight Rating (GVWR)/Gross Axle Weight Rating (GAWR). Equipment, which by law requires an operator to possess a driver's license to operate on a public highway, shall be licensed. The GVW shall not exceed the weight of the manufacturer's GVWR. Gross Axle Weight Rating will not be exceeded while vehicle is fully loaded.

Contractor shall abide by GVW/GVWR/GAWR requirements.

All equipment shall be within the limits of the manufacturer's GVWR when fully loaded (including operators and accessory equipment). This includes balancing the load in a manner that all axle weights comply with the manufacturer's gross axle weight rating. Equipment shall be configured in a manner that the center of gravity, to the vehicle, is within the design limits of the equipment. The contractor may be responsible for providing certification from a professional mechanical engineer or other expert in the field of design engineering, establishing the fact the design limits of the equipment have not been compromised.

Preseason signup for engines, water tenders and water trucks, requires the unit to be fully loaded at the time of inspection, with the contractor providing loaded weight tickets from a certified scale. The government reserves the right to reweigh the vehicle at any time.

- g) Insurance Requirements. All commercial vehicles must meet the insurance requirements found in 49 CFR 387.7.
- h) Work Rates. For equipment not identified in this supplement, the rates shall be negotiated, taking into consideration wages (if hired fully operated), depreciation, taxes, storage, insurance, overhead and profit. Local customary rates shall also be considered.
- i) Daily Rates. Reference Clauses 6 and 7, General Clauses of the EERA.
- j) Fully Operated Rate. The fully operated rates for heavy equipment are based on the following formula: $((8 \text{ hours} * \text{the applicable SCA rate}) + (6 \text{ hours} * (1.5 * \text{the SCA rate}))) + (8 \text{ hours} * \text{the fringe benefit rate}))$, with an assumed 35 percent payroll burden. Equipment can be hired "wet" (contractor provides fuel and operating supplies) or "dry" (government provides fuel and operating supplies) as defined in the General Clauses of the EERA.
- k) Unoperated Rate. The unoperated rates are based on a government-provided operator. If the government provides operating supplies, downward adjustment to the daily rate will be made for the cost of the operating supplies.
- l) Operating Supplies. As noted on the agreement, operating supplies are provided either by the government or the contractor. When it is the government's responsibility to provide these supplies but the contractor supplies them, reimbursement shall be made by the government. Use Block 27 (additions), Emergency Equipment Use Invoice, OF-286, to make this reimbursement. When the reverse is true and the government provides supplies that should be furnished by the contractor, a deduction for the value of the supplies shall be taken in Block 26 (deductions) of the invoice. Documentation of additions and deductions shall be attached to the OF-286.

- m) Special Provisions. The most current General Clauses can be found at:
http://www.fs.fed.us/r1/fire/nrcg/Committees/Business/supplements/EERA_General_Clauses_New_Test_Form.pdf
- n) Repair Rates. Reference Clause 4, General Clauses of the EERA. The rate to be assessed for government-provided repairs shall be \$90 per hour plus parts. Repair times shall be computed to the nearest half hour.
- o) Work/Rest Guidelines. NRCG policy requires compliance with work/rest guidelines as outlined in Chapter 10 of this handbook.
- p) State Workers' Compensation. All private sector operators shall follow state law for Workers' Compensation. Contractor (owner) must provide proof that all employees are covered by Workers' Compensation insurance. Additionally, contractors (owners) who will be operating equipment must provide the following prior to issuance of an EERA/I-BPA:
 - 1. Independent Contractor Exemption certificate issued after April 28, 2005; **or**
 - 2. Proof of Workers' Compensation insurance showing owner is covered, **or**
 - 3. DOL&I Letter: Subject: Workers' Compensation – Exempt Status (for Corporate Officers and LLC Managers.)

Independent contractor exemption certificates approved before April 28, 2005 are not acceptable.
- q) Severity. Severity shall be paid at 75% of the daily rate for up to a ten-hour day. Shifts exceeding ten hours will be paid the full daily rate. During severity assignments, contractors may be assigned duties which may include patrol, prevention and education duties, and refurbishment of fire equipment including washing and rolling hose. Duties not acceptable include thinning projects, building maintenance and other projects that should be paid from home unit funds and take the contractor out of their classification for Workers Compensation coverage. If severity payment option is not included in regionally awarded equipment, federal agencies must enter into an incident only agreement for payment purposes.
- r) Equipment hired must meet the minimum specifications for wildland firefighting established by Northern Rockies Coordination Group (NRCG), and National Wildfire Coordination Group (NWCG).
- s) Red Dyed Fuel. State Law prohibits the use of dyed fuel in motor vehicles operating upon public roads and highways.

While working on incidents in Montana, Idaho, South Dakota and North Dakota, state laws must be followed. There are no exemptions for contract over the road equipment employed as firefighting resources to use dyed fuel while traveling public highways.

To access information regarding off-road fuel, please reference the following sites:

Montana Administrative Rule regarding off-road fuel use can be accessed at the following site:

<http://www.mtrules.org/gateway/ChapterHome.asp?Chapter=18.10>

State of Idaho Truckers Handbook:

<http://itd.idaho.gov/DMV/Poe/documents/TruckersHandbook.pdf>

State of North Dakota Truckers Handbook:

www.nd.gov/ndhp/sites/nd.gov.ndhp/files/docs/permits/Truckers_Handbook.pdf

State of South Dakota Truckers Handbook:

<http://www.sdtruckinfo.com/motorcarrierhandbook.asp>

- t) Equipment Travel Time. Travel time via ground transportation shall be calculated by dividing distance (from point of hire to incident, incident to incident, incident to point of hire, or ordered travel route) by average travel speed of 45 mph, plus applicable rest time.
- u) Use of communication equipment while driving.
All resources must abide by federal, state and city laws regarding cellular phone use while driving. In addition, resources must follow agency policy which may be more restrictive.

2) Northern Rockies competed resources:

NRCG member agencies agreed to establish and use competed resources where agency regulations allow. Forest Service units within the Northern Rockies are required to use the competed agreements.

The preferred source of supply for incidents occurring on lands protected by the Idaho Department of Lands (IDL) is that which reduces mobilization time and/or is most advantageous in meeting incident objectives, as determined by the area line officer or Fire Warden. Equipment that has not been competitively bid, but is available locally, can be procured through the execution of an EERA/I-BPA at any time. Refer to Chapter 50- Interagency Cooperative Relations for further detail.

The Montana Department of Natural Resources (MTDNRC) may utilize any resource to aid in the suppression/rehabilitation of any fire on lands protected by the State of Montana. This includes, but is not limited to use of any resource from the following sources: DNRC, other States and Federal agencies, local government fire forces, and private contract resources (including Competed Solicitation Resources and local EERAs). DNRC will order and utilize resources from the best, closest and most appropriate source as determined on the basis of urgency (date & time needed), availability, delivery time, reasonable cost, and operational impact on the agency & incident. This allows DNRC to select resources that will allow the fastest, most effective and of most importance safe suppression of fires occurring on state protection.

a) Forest Service competed agreements

Regional: Wildland Engines, Support Water Tenders, Skidgine, Pumper Cat, Soft Track, Faller Module, Office-Clerical Support Module, Tent/Canopy, Service Trucks, Dozers, Excavators, Transports, Bus/Crew Carrier, Mechanic/Service Truck, Weed Wash Units and GIS Units
Local (limited dispatch zones affected): Graders, Coach Buses, Feller Bunchers, and Skidders

These agreements are administered by Debby Wesselius, USFS Contracting Officer at (406) 329-3333. These agreements can be found on the NRCG Web site: www.fs.fed.us/r1/fire/nrcg/agree-contract/index.html

The first source of supply for these pieces of private equipment shall be the Forest Service competed agreements. Exceptions to this requirement are initial attack or as outlined in the competed agreements or as referenced above for state agencies.

Beyond initial attack, incident-only agreements for the above listed equipment may only be entered into after the competed agreements have been exhausted. The equipment shall meet the specifications currently listed in Chapter 20, including training certification and equipment inspections, but are not required to meet the specifications in the competed agreement.

Standard rates are defined as 90% of the lowest competed resource as referenced in IIBMH Chapter 20 (www.fs.fed.us/r1/fire/nrcg). The rates established within this supplement for solicited equipment are commercial rates and may be utilized as guidance for local procurement officials when negotiating incident-only agreements.

b) Bureau of Land Management competed agreements

Regional: Potable Water Truck, Fuel Truck, Type 3 Caterers and Gray Water Trucks

The first source of supply for these pieces of private equipment shall be the Bureau of Land Management (BLM) Agreements.

These agreements are administered by Velvett Cummins, BLM, at (406) 896-5191. These agreements can be found on the NRCG Web site: www.fs.fed.us/r1/fire/nrcg/agree-contract/index.html

c) Montana Department of Natural Resources and Conservation competed agreements

Regional: Portable Toilets, Handwash Stations, Sack Lunches, Rental Vehicles, Helicopter Operations Support Trailers

The first source of supply for these pieces of equipment will be the Montana Department of Natural Resources and Conservation (DNRC) Agreements. Only after exhausting those resources, shall other sources be considered.

These agreements are administered by Pam Okon at (406) 542-4230
pokon@mt.gov

The agreements can be found at:

<http://dnrc.mt.gov/forestry/Fire/Business/ContractList.asp>

d) Bureau of Indian Affairs competed agreements

Regional: Crew Buggies

The first source of supply for these pieces of equipment will be the Bureau of Indian Affairs (BIA) agreements. Only after exhausting those resources, shall other sources be considered.

These agreements are administered by Alvin “Jay” Windy Boy at (406) 247-7941

alvin.windyboy@bia.gov

The agreements can be found at:

www.fs.fed.us/r1/fire/nrcg/agree-contract/index.html

3) Procurement Technical Assistance Centers (PTAC) for Montana, Idaho, and North Dakota

PTAC provides assistance to vendors interested in responding to any state or federal government solicitation or invitation to bid. PTAC contacts are listed at

<http://www.aptac-us.org/new/index.php>

24.3-3 - Hiring Methods

The first source of supply shall be agreements entered into by the competitive process in the Northern Rockies Geographic Area. For exceptions to this policy on lands protected by IDL and MT DNRC, See Chapter 50, Interagency Cooperative Relations.

The following describes requirements outside the above competitive process and summarizes the use of established rates for standard EERAs/I-BPAs for equipment rented within the Northern Rockies Geographic Area. The rates are fair and reasonable for equipment that is relatively new, in good operating condition and meets all of the requirements listed in this chapter. The rates reflect that the equipment will be engaged in fighting wildland fires under adverse working conditions, driven on both improved and unimproved roads, and will likely require operators to work overtime. The rates may be adjusted as follows:

- Rates may be adjusted downward when equipment fails to provide the basic configuration required for each equipment type listed, or is excessively old and will not perform up to the standards of newer equipment in terms of quality operating time or production capability.
 - The equipment shall be inspected utilizing the OF-296 Vehicle/Heavy Equipment Safety Inspection Checklist and any additional checklists provided in this chapter or the solicitation under which it was hired.
- Rates may be adjusted upward to reflect the contractor's actual payroll cost when a contractor demonstrates a long-term history of paying wages exceeding the established SCA wage determination for the period (example: payroll records for past 12 months).

- Rates may be exceeded (within agency authority) on a case-by-case basis to reflect equipment that is unique in operating capability or cannot be obtained without a higher rate.
- Preferred method of hire for all heavy equipment in the Northern Rockies is self transported.
 - Vendors will not be required to provide transport, but dispatch will retain the right to withdraw the resource order if they are not capable of providing own transport
 - Vendors accepting the order including transport must have an agreement in place that covers transport costs, including a daily rate guarantee and mileage rate. Payment for transport is included on the heavy equipment use invoice at either the transport daily guarantee rate OR mileage rate, whichever is greater – a separate “E” number is not issued for the transport.
 - If dispatch is not able to find a fully transported piece of heavy equipment, then a resource order will be offered to a piece of heavy equipment with the stipulation that the transport DPL will be used, and the first capable transport will be utilized. In this case a separate “E” number is issued and the government will track on shift tickets and process a separate use invoice as per normal payment procedures.
 - If there is a single operator for heavy equipment and the transport, the transport will be paid at 65% of the transport daily rate.
 - NOTE: All regionally awarded heavy equipment agreements as well as most locally awarded heavy equipment agreements identify transport to and from incident as mandatory and rate is stated on the agreement.
- All equipment shall be thoroughly cleaned before arriving at an incident. Frames and cross-members will be inspected and all debris-collecting areas including belly pans, guards and coverings will be washed to alleviate the spread of noxious weed seeds and water borne pathogens, and to protect against grease and oil soaked residues catching on fire in belly pans and skid plates. Heavy equipment operators shall manually clean tracks and belly pans before leaving the project site. Water handling equipment crossing water-shed boundaries may have additional requirements to alleviate the spread of water borne pathogens; see the NRCG website for further information.

Standard Methods of Hire - Reference the IIBMH white pages, Chapter 20:

http://www.nwcg.gov/pms/pubs/iibmh2/pms902_iibmh.pdf

HEAVY EQUIPMENT:

See Heavy Equipment personnel requirements, certification form and checklist of required inventory on pages 19 through 23.

AGRICULTURE TRACTORS (with implements)

Minimum Standards for Types and Rates:

Type	Flywheel Horsepower	Fully Operated Daily Rate Single Shift (\$)	Fully Operated Daily Rate Double Shift (\$)
1	100+	1231	2031
2	50-99	987	1629
<ul style="list-style-type: none"> For Transport: see 24.3.3 Hiring Methods. 			

BACKHOE

Minimum Standards for Types and Rates:

Type	Minimum Digging Depth	Flywheel Horsepower	Fully Operated Daily Rate Single Shift (\$)	Fully Operated Daily Rate Double Shift (\$)
1	18+ ft.	91+	1518	2505
2	15+ ft.	63-90	1008	1663
3	13+ ft.	40-62	900	1485
<ul style="list-style-type: none"> If the equipment is ordered without operator, reduce the fully operated daily rate as follows: single shift by \$513; double shift by \$880. For Transport: see 24.3.3 Hiring Methods. 				

DOZER

Minimum Standards for Types and Rates:

Type	Flywheel Horsepower	Fully Operated Daily Rate Single Shift (\$)	Fully Operated Daily Rate Double Shift (\$)
1	200-320	2609	4305
2	100-199	1781	2939
3	50-99	1230	2030
<ul style="list-style-type: none"> For Transport: see 24.3.3 Hiring Methods. 			

EXCAVATOR WITH THUMB

Minimum Standards for Types and Rates:

Type	Minimum Weight Class in Pounds	Flywheel Horsepower	Fully Operated Daily Rate Single Shift (\$)	Fully Operated Daily Rate Double Shift (\$)
1	50,000	156+	2130	3415
2	32,000	111-155	1820	3003
3	25,000	81-110	1420	2343
4	15,000	60-80	1245	2054

- Only Excavators with a Hydraulic Thumb or Clamshell bucket shall be ordered.
- Machines used in fire line construction or fire line rehabilitation in timber must have forestry-type operator cab guarding in place. This will include front window guarding described on page 18. Operator must have two available exits from cab.
- For Transport: see 24.3.3 Hiring Methods.

FELLER BUNCHER WITH BAR SAW OR ROTARY SAWS

Minimum Standards for Types and Rates:

Type	Flywheel Horsepower	Fully Operated Daily Rate Single Shift (\$)	Fully Operated Daily Rate Double Shift (\$)
1	226+	3410	5627
2	160 - 225	2555	4216

- The above rates are based on a machine equipped with a Bar Saw capable of cutting 22-inch (and up) DBH trees with accumulator arm or Rotary (Hot) Saw capable of cutting 20 inch (and up) DBH trees with accumulator arm.
- Harvester heads will be negotiated under a separate agreement.
- Machines must meet state and federal safety regulations.
- Operator must be accompanied at all times by agency personnel qualified at or above the Firefighter 1 level.
- For Transport: see 24.3.3 Hiring Methods.

CHIPPERS

Minimum Standards for Types and Rates:

Type	Minimum inch diameter capacity	Minimum Flywheel Horsepower	Fully Operated Daily Rate Single Shift (\$)	Fully Operated Daily Rate Double Shift (\$)
1	18	180		
2	13-17	110		
3	9-12	48	1430	
<ul style="list-style-type: none"> All types must be equipped with an in-feed mechanism Specify: self-propelled or tow- behind Optional* Boom feed if required Requires 2 operators that are trained to OSHA standards All Operating costs including fuel, maintenance, insurance, personnel, etc is included in the daily rate. For Transport: see 24.3.3 Hiring Methods. 				

MULCHER –Strip

Minimum Standards for Types and Rates:

Type	Minimum Hydraulic Flow Capacity	Minimum Flywheel Horsepower (Carrier)	Minimum Carrier Weight (Tons)	Fully Operated Daily Rate Double Shift (\$)
1	80 GPM	401+	13	3750
2	60 GPM	200-400	12	3261
3	50 GPM	111-200	7	2226
4	30 GPM	80-110		1537
<ul style="list-style-type: none"> Rubber tired carriers are not acceptable within the Northern Rockies. Must have Operator guarding – Polycarbonate (Lexan) windshield or heavy screening over front windshield is acceptable For Transport: see 24.3.3 Hiring Methods. 				

MULCHER -Boom

Minimum Standards for Types and Rates:

Type	Minimum Hydraulic Flow Capacity	Minimum Flywheel Horsepower (Carrier)	Minimum Carrier Weight	Fully Operated Daily Rate Double Shift (\$)
1	60 GPMs	156+	50,000	2556
2	38 GPMs	111-155	32,000	2275
3	24 GPMs	80-110	24,000	1775
<ul style="list-style-type: none"> Must have Operator guarding – Polycarbonate (Lexan) windshield or heavy screening over front windshield is acceptable For Transport: see 24.3.3 Hiring Methods. 				

PUMPER CAT (Hard Track)

Minimum Standards for Type and Rates:

Components	Type 1	Type 2	Type 3
Flywheel Horsepower Range	200-320+	100-199	50-99
Pump Capacity* GPM @ PSI	30 @ 70	30 @ 70	30 @ 70
Tank** Capacity Gallons	500+	325-499	200-324
1 inch hardline with ¾-inch inside diameter hose on reel	150 ft.	150 ft.	150 ft.
1 inch linen hose	200 ft.	200 ft.	200 ft.
Personnel***	1	1	1

Pumpercats shall meet the same typing for Dozers.

*All pumps shall have pressure gauges that meet the minimum pump pressure rating.

**No fiberglass tanks or plastic tanks will be accepted. Tanks must be baffled in compliance with NFPA or American Society of Mechanical Engineers standards or other industry accepted engineering standards. Additional gallons are acceptable but must meet all standards.

***Pumpercat and operator must be accompanied at all times by agency personnel qualified at or above the Firefighter 1 level.

- For Transport: see 24.3.3 Hiring Methods.

PUMPER CAT (Hard Track) - Rates:

Type	Flywheel Horsepower	Minimum Tank Capacity, Gallons	Fully Operated Daily Rate Single Shift (\$)	Fully Operated Daily Rate Double Shift (\$)
1	200-320+	500+	2766	4564
2	100-199	325-499	1875	3093
3	50-99	200-324	1304	2152
<ul style="list-style-type: none"> If the equipment is ordered without operator, reduce the fully operated daily rate as follows: single shift by \$513; double shift by \$880. Rates reflect market value as determined by the competitive process. For Transport: see 24.3.3 Hiring Methods. 				

ROAD GRADER

Minimum Standards for Types and Rates:

Type	Flywheel Horsepower	Fully Operated Daily Rate Single Shift (\$)	Fully Operated Daily Rate Double Shift (\$)
1	201+	1910	3152
2	126-200	1560	2574
3	<125	1265	2087
<ul style="list-style-type: none"> If the equipment is ordered without operator, reduce the fully operated daily rate as follows: single shift by \$513; double shift by \$880. For Transport: see 24.3.3 Hiring Methods. 			

SKIDDER

Minimum Standards for Types and Rates:

Type	Flywheel Horsepower	Fully Operated Daily Rate Single Shift (\$)	Fully Operated Daily Rate Double Shift (\$)
1	100+	1955	3226
2	69-99	1200	1980
<ul style="list-style-type: none"> If the equipment is ordered without operator, reduce the fully operated daily rate as follows: single shift by \$513; double shift by \$880. For Transport: see 24.3.3 Hiring Methods. 			

SKIDGINE (Rubber Tire)

Minimum Standards for Types and Rates:

Components	Type 1	Type 2
Flywheel Horsepower Range	100+	69-99
Pump Capacity* GPM @ PSI	30 @ 70	30 @ 70
Tank** Capacity, Gallons Minimum	400+	200-399
1 inch hardline with ¾-inch inside diameter hose on reel	150 feet	150 feet
1 inch linen hose	200 feet	200 feet
Personnel***	1	1

SK class shall meet the S class for skidders

*All pumps shall have pressure gauges that meet the minimum pump pressure rating.

**No fiberglass or plastic tanks will be accepted. All tanks must be certified and baffled in compliance with NFPA or American Society of Mechanical Engineers standards or other industry accepted engineering standards. Additional gallons are acceptable, but must meet all standards.

***Skidgine and operator must be accompanied at all times by agency personnel qualified at or above the Firefighter 1 level.

- For Transport: see 24.3.3 Hiring Methods.

SKIDGINE (Rubber Tire) – Rates:

Type	Flywheel Horsepower	Minimum Tank Capacity, Gallons	Fully Operated Daily Rate Single Shift (\$)	Fully Operated Daily Rate Double Shift (\$)
1	176+	1200+		
2	75-175	800-1199		
3	100+	400-799	1900	3134
4	69-99	200-399	1538	2537

- If equipment is ordered without operator, reduce the fully operated daily rate as follows: single shift by \$513; double shift by \$880.
- Rates reflect market value as determined by the competitive process.
- For Transport: see 24.3.3 Hiring Methods.

SOFT TRACK

Minimum Standards for Type and Rates:

Components	Type 1
Flywheel Horsepower Range	170+
Pump Capacity* GPM @ PSI	30 @ 70
Tank** Capacity, Gallons Minimum	600
1 inch hardline with ¾-inch inside diameter hose on reel	150 feet
1 inch linen hose	200 feet
Personnel***	1
<p>*All pumps shall have pressure gauges that meet the minimum pump pressure rating. **No fiberglass or plastic tanks will be accepted. All tanks must be certified and baffled in compliance with NFPA or American Society of Mechanical Engineers standards or other industry accepted engineering standards. Additional gallons are acceptable, but must meet all standards. ***Soft Track and operator must be accompanied at all times by agency personnel qualified at or above the Firefighter 1 level.</p> <ul style="list-style-type: none"> For Transport: see 24.3.3 Hiring Methods. 	

SOFT TRACK – Rates:

Type	Flywheel Horsepower	Minimum Tank Capacity, Gallons	Fully Operated Daily Rate Single Shift (\$)	Fully Operated Daily Rate Double Shift (\$)
1	170+	600+	3062	5053
<ul style="list-style-type: none"> If the equipment is ordered without operator, reduce the fully operated daily rate as follows: single shift by \$513; double shift by \$880. Rates reflect market value as determined by the competitive process. For Transport: see 24.3.3 Hiring Methods. 				

*** NRCG will not develop standards or rates for modified UTVs or Smidgines (skid steers with tanks) in the Northern Rockies Geographic Area.**

Requirements for Dozer, Excavator, Feller/Buncher, Pumper Cat, Skidder, Skidgine, Soft Track, and Road Grader:

1. Heavy equipment used for line construction or line abolishment in heavy timber types must meet all applicable federal and state logging safety standards and must have operator protection guarding such as a forestry cab package with wire mesh or safety glazing that provides equivalent protection. Stand-alone safety glass does not provide equivalent protection as wire mesh. However, it may be used as part of the window glazing system. Note that polycarbonate windows are not “glass” and may be acceptable as a stand-alone window guard. Any machine cab meeting ISO 8084 or SAE 1084 would fulfill this requirement. This requirement does not apply to road graders.
2. The ***protective canopy*** shall be constructed to protect the operator from injury due to falling trees, limbs, saplings or branches which might enter the compartment area and from snapping winch lines or other objects. The rear portion of the cab shall be fully enclosed with open mesh material. The openings in the mesh should be of such size as to reject the entrance of an object larger than 2 inches in diameter. This covering shall be affixed to the structural members so that ample clearance will be provided between the screen and the back of the operator and shall provide maximum rearward visibility. Open mesh material shall extend forward as far as possible from the rear corners of the cab sides, to provide the maximum protection against obstacles, branches, etc., entering the cab area. Deflectors or sweeps, which may be part of the cab, shall be installed in front of operator area to deflect whipping saplings and branches. Deflectors shall be located so as not to impede visibility and access to the cab. This requirement does not apply to road graders.
3. A ***Roll-Over Protective Structure***. Roll-Over Protection (ROPS) meeting ISO 3471, ISO 8082 or SAE J1040, and Falling Object Protection (FOPS) are required on all heavy equipment with the exception of 360 degree swing machines known as Excavators (CFR 1910.266 f(3)i). A manufacturer’s nameplate certifying the operator enclosure or alternative documentation that the cab meets these provisions is required. Modification of factory ROPS/FOPS (Cutting/Welding) and any aftermarket ROPS/FOPS may require re-certification to ISO 3471, ISO 8082 or SAE J1040 standards; please discuss this with the equipment manufacturer.
4. **Excavators** must have a factory canopy with deflectors installed in front of the operator area to deflect whipping saplings, branches and debris broken off by the action of the bucket or hydraulic thumb. Deflectors shall be located so as not to impede visibility and access to the cab but still protect the operator from frontal damage.
5. **Dozers** with hydraulic blade tilt capability are desired. If hydraulic blade tilt capability dozers are not available and a non hydraulic blade tilt (cable) dozer is hired, the daily rate will be adjusted downward due to the loss of efficiency by first deducting the operator’s rate from the total amount, and then it is added back in after a 30% reduction.
6. **Skidders, skidgines, road graders** are required to have tire chains, and if requested, must be made available by next operational period. Chains shall be inspected pre-use.

7. PPE as described under personnel requirements.
8. **In addition to the above: Dozers, Skidders, and Soft Tracks** may be equipped with rear-mounted grapple for logging or towing winch with cable and one or two chokers (indicate on EERA/I-BPAs if so equipped).
9. Heavy equipment modified to transport water, such as **pumper cats, skidgines, soft tracks**, shall be configured in a manner that the center of gravity for the vehicle is within the design limits of the equipment. The contractor shall be responsible for providing certification from a professional mechanical engineer or other expert in the field of design engineering, establishing the fact that design limits of the equipment have not been compromised. Any and all additional modifications shall be re-certified. Water tanks shall also be certified as to actual size and having adequate baffles. Note: Cost for this certification has been figured into the daily rate.
10. **Pumper Cats, Skidgines, Soft Tracks** will not be required to have rear-mounted grapples or logging or towing winches with cable and one or two chokers. This equipment may have been removed to accommodate the tank, pump and reel. Grapples must be secured to prevent hazards to individuals working with the skidgine.

Additional information on heavy equipment can be found on the NRCG web page at:
<http://www.fs.fed.us/r1/fire/nrcg/agree-contract/index.html>

Personnel Requirements for Dozer, Excavator, Feller/Buncher, Pumper Cat, Skidder, Skidgine, Soft Track, and Road Grader:

1. Annual Fireline Safety Refresher Training (RT-130) or equivalent.
2. The following personal protective equipment is required and must be provided by the contractor:
 - Boots - All leather, lace-up type, minimum 8 inches high with lug-type sole in good condition (steel toed boots are unacceptable).
 - Hardhat - Plastic, class B, ANSI Z89.1, OSHA approved, with chinstrap. Note: Hardhat meeting NFPA Standard 1977, 1998 edition, is required.
 - Gloves - One pair heavy-duty leather per person.
 - Eye protection - One pair per person (meets standards ANSI Z87.1, latest edition).
 - Headlamp - One lamp per person with batteries and attachment for hardhat.
 - Canteen - 1-quart size, two per person required, and four per person recommended (filled prior to arrival at incident).
3. The following equipment may be agency provided at the time of hire:
 - Fire Shelter - One serviceable shelter per person. **New Generation Fire Shelters are required for contractors.**
 - Flame resistant clothing - Shirt and trousers for routine fireline duties. Flame resistant clothing must:
 - Self-extinguish upon removal from heat source.
 - Act as effective thermal barrier by minimizing conductive heat transfer.
 - Not melt or shrink to any appreciable degree upon decomposition during exposure to a high heat source.
 - Be manufactured from flame retardant treated (FRT) cotton, FRT rayon, FRT wool, aramid (Nomex), or other similar fabric.

Inventory Requirements for Pumper Cat, Skidgine, and Soft Track

For a checklist for Pumper Cat, Skidgine and Soft Track inventory requirements, refer to page 23

CERTIFICATION
PUMPER CAT, SKIDGINE, SOFT TRACK

This certification is incorporated in and made part of Emergency Equipment Rental Agreement No. _____. The equipment listed herein meets all of the minimum requirements for the equipment type.

EQUIPMENT TYPE	SERIAL NO.	ENGINEERING CERTIFICATION (attach Exhibit 25)
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The following individuals meet all the personnel and training requirements for the position listed.

NAME	POSITION
_____	_____
_____	_____
_____	_____

The personnel listed above shall be provided with the equipment, in the numbers required by the agreement and equipment typing configurations. The personnel and equipment qualifications are in accordance with NRCG Supplement to Chapter 20 of the Interagency Incident Business Management Handbook.

A copy of the Emergency Equipment Rental Agreement, along with this certification, shall be provided to the Finance/Administration Section Chief or their designated representative immediately upon arrival at the incident. Failure to provide equipment meeting the typing configurations or the above named personnel shall void the payment schedule listed in Blocks 11, 12 and 13 of the agreement.

I certify that the above-listed equipment meets the minimum typing standards for the type listed. I also certify that the above-listed personnel meet all of the qualification requirements for the position(s) listed.

_____ Government Representative (Signature)	_____ Contractor Representative (Signature)
_____ Name and Title (Printed)	_____ Contractor Name (Printed)
_____ Home Unit	_____ Address
_____ Phone No.	_____ City, State
_____ Date	_____ Date

CHECKLIST

PUMPER CAT, SKIDGINE, SOFT TRACK

Equipment Type _____
 Serial No. _____
 Engineering Certification _____
 1. Pump Capacity (GPM/PSI) _____
 2. Tank Capacity (Gallons) _____
 3. Meets Personnel Standards _____
 4. Back-up Alarm 87 decibels measured
 while standing 5 feet behind and in center of
 machine. _____

Complement Requirements	Yes	No
2 each, 1 inch NPSH Nozzles—must do both fog and straight stream combination and shutoff (Plastic is acceptable)		
1 Pulaski		
1 shovel, size 0		
1 First Aid Kit (5 person)		
1 fire extinguisher (5BC or Better)		
1 Spanner wrench, combination 1 inch to 1 ½ inches		
1 reducer, 1 ½ inches NH Female to 1 inches NPSH Male		
1 reducer, 1 inch NPSH Female to ¾ inches garden hose male		
1 adapter, 1 inch NH Female to 1 inches NPSH Male		
1 adapter, 1 inch NPSH Female to 1 inch NH Male		
1 each, 1 inch double male NPSH		
1 each, 1 inch double female NPSH		
1 each, 1.5" forestry hose clamp		
5 gallons of fuel to operate pump for 12 hours		
1 each, Pump for filling tank with water or have drafting capabilities. If drafting, need 20 ft. of hard line suction hose with strainer or screened foot valve.		
1 each, ¼ turn adapter to 1 inch NPSH (1 female and 1 male each)		
Must have a 1 inch male NPSH tee for soft line attachment.		
Must have pressure relief or by pass valve in plumbing system.		
Tanks shall have a 4 inch minimum fill pipe		
Tank shall have a minimum 3-inch dump valve.		
Hose – 150 feet, 1 inch hardline with ¾ inch inside diameter hose on reel		
Hose – 200 feet, 1 inch linen hose		
Type 1& 2 Skidgine Hose – 300 feet, 1 inch linen hose		
Type 1 &2 Skidgine Hose - 300 feet, 1.5 inch linen hose		
Safety equipment, including approved spark arrester or exhaust system.		

NOTE: Equipment not required by this list is carried at the contractor's own risk. Compensation will not be given for additional items. Please list additional items on the back of this form. Attach to OF 296.

CONFIGURED AS ABOVE THIS UNIT IS CLASSIFIED AS TYPE _____.

Contractor's Signature _____ Date _____

Inspector's Signature _____ Date _____

LOWBOY/TRANSPORTS - General:

The first source of supply shall be the Forest Service 2011 Transport Agreement.

Current vendors and specifications can be found at:

<http://www.fs.fed.us/r1/fire/nrcg/agree-contract/index.html>

The term "transport" includes a truck tractor with trailer(s), or trucks with tilt beds. Trailers may be an enclosed van, flatbed, or lowboy-type for hauling heavy equipment.

When long haul transport services are required for trips greater than 500 miles one way, commercial rates and invoicing shall be the method of hire.

Agencies will only pay for transport charges for haul-in and haul-out. Upon arrival at the incident, the transport will be released unless directed to remain for on-incident use, by the Operations Section Chief in writing. Signed shift tickets are not adequate documentation for this purpose. Transports retained for incident operations shall be assigned a separate resource order number (E#), be hired on an EERA/I-BPAs and be identified on the Incident Action Plan. Transports arriving under a competed agreement might not have the necessary EERA/I-BPAs in place for on-incident use. The competed agreements' daily rate and mileage applies to haul in and haul out only. EERA/I-BPAs daily rate for the same transport applies beginning the first full operational period for incident use.

Transports that haul equipment not owned by the transport company are required to have Common Carrier Insurance.

When transporting between tariff locations by a licensed common carrier, shipments and payment shall be in accordance with appropriate established tariff. Federal and state agencies shall use a Commercial Bill of Lading (CBL) for shipments of this type.

When required by state law, the government, upon presentation of invoice or receipt, will reimburse the cost for pilot vehicles and overload permits. Contractors are responsible for meeting all state requirements, such as weight restrictions and hauling permits.

LOWBOYS/TRANSPORTS – Rates:

TYPE	Trailer Weight GVWR	Fully Operated Daily Rate (\$)
1	61K+	1519
2	37K-60K	1315
3	20K-36K	1010
<ul style="list-style-type: none">When a transport and another piece of heavy equipment, such as a dozer, are ordered with a single operator to operate BOTH pieces of equipment, adjustments to the payment amount will be made as follows: Equipment will be paid at the daily rate and transport will be paid at 65% of the transport daily rate.		

Water Handling Equipment:

See Water Handling Equipment requirements, certification form and checklist of required inventory on pages 28 through 42.

NOTE: The NRCG Operations Committee has elected not to solicit for tactical water tenders within the geographic area.

ENGINE

The first source of supply for private sector engines shall be the USDA Forest Service, Region 1, 2010 Water Handling Equipment Agreements.

Minimum Standards for Types and Rates:

The following guide is to aid in the typing of engines currently under agreement. When typing equipment, all of the standards must be met to qualify the equipment. Failure to meet any standard places the equipment in a lower type or disqualifies the equipment in its entirety.

All Engines, Water Trucks and Support Tenders hired per the terms in this handbook shall be able to be legally driven on highways under their own power and be able to travel at a minimum of 50 miles per hour.

Components	MINIMUM STANDARDS FOR TYPE						
	1	2	3	4	5	6	7
Tank Minimum capacity (gal)	300	300	500	750	400	150	50
Pump minimum flow (gpm)	1000	500	150*	50	50	50	10
@ rated pressure	150	150	250	100	100	100	100
Hose 2 ½ “	1200	1000	-	-	-	-	-
1 ½”	500	500	1000	300	300	300	-
1”	-	-	500	300	300	300	200
Ladder (feet)	**48'	**48'					
Master Stream 500 gpm.	YES	YES					
Pump and roll	-	-	YES	YES	YES	YES	YES
Max GVWR (lbs)	-	-	-	-	26,000	19,500	14,000
Personnel (min)	4	3	3	2	2	2	2

- All types shall meet federal, state and agency requirements for motor vehicle safety standards, including all gross vehicle weight ratings when fully loaded.
- All wildland engines (Types 3-7) shall be able to prime and pump water from a 10 foot lift.
- All pumps shall have pressure gauges that meet the minimum pump pressure rating.

* Type 3 engines shall be equipped with a foam proportioning system.

**This includes 24' extension ladder, 14' roof ladder and 10' attic ladder for a total of 48'.

The first source of supply for private sector engines shall be the USDA Forest Service, Region 1, 2010 Water Handling Equipment Agreements.

Type		Fully Operated Daily Rate Single Shift (\$)	Fully Operated Daily Rate Double Shift (\$)	Unoperated Daily Rate Single Shift (\$)	Unoperated Daily Rate Double Shift (\$)	Number of Personnel Per Shift
1	Structural Engine I	2575	4414	1511	2590	4
2	Structural Engine II	2165	3712	1311	2248	3
3	Wildland Engine III	2058	3396	1308	2158	3
4	Wildland Engine IV	1591	2625	1091	1800	2
5	Wildland Engine V	1611	2659	1111	1834	2
6	Wildland Engine VI	1436	2370	936	1545	2
7	Wildland Engine VII	882	1435	385	660	2

- See pages 29 through 34 for engine typing/requirements and engine checklist.
- Engine rate is to be used only when the equipment and personnel meet all requirements.
- Number of personnel is the minimum required per operational period (shift).
- Extra engine personnel: \$250.00 per day - ***must be ordered*** through the resource process.
- Rates reflect market value as determined by the competitive process

TENDER (SUPPORT), WATER:

In general, the water tender is intended for use in support of fireline activities.

Minimum Standards for Types:

The following guide is to aid in the typing of tenders currently under agreement. When typing equipment, all of the standards must be met to qualify the equipment. Failure to meet any standard places the equipment in a lower type or disqualifies the equipment in its entirety.

MINIMUM STANDARDS FOR TYPE			
Components	Type 1	Type 2	Type 3
Tank Capacity (gal)	4000+	2500	1000
Pump min flow (GPM)	300	200	200
@ rated pressure (psi)	50	50	50
Pump and roll	none	None	none
Personnel (min)	1	1	1

TENDER, WATER -Support– Rates:

Type	Fully Operated Daily Rate Single Shift (\$)	Fully Operated Daily Rate Double Shift (\$)	Number of Operators
1	1850	3052	1
2	1291	2130	1
3	1130	1864	1

- See pages 37 through 39 for water tender minimum complements, certification form, and checklist.
- If the equipment is ordered without operator, reduce the fully operated daily rate as follows: single shift by \$438; double shift by \$750.
- Rates reflect market value as determined by the competitive process.

TRUCK, GRAY WATER

The first source of supply shall be the BLM 2012 Gray Water Equipment Agreement.

Current vendors and specifications can be found at:

<http://www.fs.fed.us/r1/fire/nrcg/agree-contract/graywater.html>

The government is responsible for locating sites for disposal of wastewater. Contractor is responsible for all permits. Disposal fees will be reimbursed based on actual receipts. Gray water trucks must possess a current DOT Mechanical Inspection. Gray water trucks shall not be utilized as a Tender or a Water Truck.

TRUCK, GRAY WATER - Rates

Type	Size	Fully Operated Daily Rate (\$)
1	1000 + gallons	878 + 1.32/mile
2	500 - 999 gallons	588 + 1.32/mile

TRUCK, POTABLE WATER

The first source of supply shall be the BLM 2010 Potable Water Equipment Agreement.

Current vendors and specifications can be found at:

<http://www.fs.fed.us/r1/fire/nrcg/agree-contract/potable.html>

TRUCK, WATER:

Water trucks shall not be utilized as a tender or a gray water truck. Generally, a water truck is intended for use in the following operations: dust abatement, water transfer and hauling, including unloading into a port-a-tank.

Water trucks will not be used in direct support of suppression activities.

Minimum Standards for Types and Rates:

Components	TYPE		
	1	2	3
Pump Capacity (GPM)	300	200	200
Tank Capacity (Gallons)	4000+	2500	1000
Off Load Capacity (GPM)	300	200	200
Maximum Refill Time (minutes)	30	20	15
Personnel (minimum number)	1	1	1
Drafting Capability	yes	yes	yes

TRUCK, WATER – Rates:

Type	Fully Operated Daily Rate Single Shift (\$)	Fully Operated Daily Rate Double Shift (\$)	Operators (per shift)
1	1246	2136	1
2	1047	1794	1
3	804	1378	1

- See pages 40 through 43 for water truck certification form and checklist.
- For unoperated daily rate: single shift deduct \$438, double shift deduct \$750.

ENGINE REQUIREMENTS:

Personnel Requirements for Engines:

1. Satisfactory completion of the NWCG arduous-duty work capacity physical fitness test.
2. All engines are required to have a NWCG 310-1 qualified single resource boss-engines and at minimum a Firefighter 2 on board (See Exhibit 24 for training requirements)
3. Annual Fireline Safety Refresher Training (RT-130) or equivalent.
4. Introduction to National Incident Management System (IS-700a)
5. In addition, structural engine personnel shall have attended Firefighter 1 (NFPA Standard 1001 Professional Structural Firefighter Qualification) or equivalent, or be certified by the chief of their fire department as being able to perform at the NFPA Firefighter 1 level.
6. The following Personal Protective Equipment is required and must be provided by the Contractor:
 - Boots - All leather, lace-up type, minimum 8 inches high with lug type sole in good condition (steel toed boots are unacceptable).
 - Hardhat - Plastic, Class B, ANSI Z89.1, 1986, OSHA approved, with chinstrap. Note: Hardhat meeting NFPA Standard 1977, 1998 Edition, is required.
 - Gloves - One pair of heavy-duty leather per person.
 - Eye Protection - One pair per person (meets standards ANSI 287, latest edition)
 - Head Lamp - One lamp per person with batteries and attachment for hardhat.
 - Canteen - 1-quart size, two per person required, four per person recommended (filled prior to arrival at incident).
 - Fire Shelter - One serviceable shelter per person. **New Generation Fire Shelters are required for contractors.**
 - Flame Resistant Clothing - Shirt and trousers for routine fireline duties, flame resistant clothing must:
 - Self-extinguish upon removal from heat source.
 - Act as effective thermal barrier by minimizing conductive heat transfer.
 - Not melt or shrink to any appreciable degree upon decomposition during exposure to a high heat source.
 - Be manufactured from flame retardant treated (FRT) cotton, FRT rayon, FRT wool, aramid (Nomex), or other similar fabric.

Other Engine Requirements:

1. Tank Baffling. The water tanks must be equipped with partitions that reduce the shifting of the water load. Engines shall have the water tank baffled in a manner that conforms to the NFPA Standard 1906, or the American Society of Mechanical Engineers standards or other industry-accepted engineering standards.
2. Inventory. At the time of hire, the contractor shall provide a complete inventory of the fire fighting complement on the vehicle. A copy of the inventory shall be provided to the inspector and the procurement unit each time the vehicle is hired or reassigned to an incident.
3. At time of hire, contractor shall meet minimum standards.
4. Typing. When typing engines, all of the requirements for both equipment and personnel must be met to be acceptable and must be certified by a government fire expert. The

government fire expert is defined as a government employee (local, state or federal) who through their regular employment, works with and is knowledgeable regarding this type of equipment. Equipment lacking this certification shall not be signed up. It shall be the contractor's responsibility to obtain the certification prior to dispatch.

When classifying Type 1 and 2 structural engines, a government fire expert will certify the equipment meets the minimum requirements specified in NFPA 1901.

5. **Foam Units.** Type 3-6 engines shall have foam capabilities. The government shall provide the foam or make reimbursement only for approved chemicals when provided by the contractor. A list of approved chemicals can be found at:
www.fs.fed.us/fire/tools_tech/index.html and <http://www.fs.fed.us/rm/fire>

If a Resource Order specifically requests and the engine is equipped with Compressed Air Foam System (CAFS), payment will be adjusted according to the hourly rates for the system shown below. Hourly use shall be documented on a shift ticket. Payment shall be for hours of **actual use** of the CAFS in addition to the daily rate for the engine.

Cubic Feet/Minute (CFM)	CAFS Allowance With Pump and Roll HOURLY RATE (\$)
35 – 50 CFM @ 150 PSI	25.00
51 - 85 CFM @ 150 PSI	42.00
86 - 120 CFM @ 175 PSI	56.00
121 – 200 CFM @ 175 PSI	70.00
201+ CFM @ 200 PSI	87.00

Foam Unit Criteria for CAFS:

- One GPM per one CFM MINIMUM water pump capacity at PSI rates required of the compressor.
- Pump & Roll 86+ CFM and above must have deck mounted cannon with stacked tips or adjustable tips.
- Pump & Roll 86+ CFM equipment must be able to pump water and foam while moving.
- CFM, GPM, PSI and foam flow gauges are required.
- Must be capable of injection of foaming agent into the water line at variable controlled rates on discharge side of pump (be proportional).
- System shall provide full foam delivery within 60 seconds after system is engaged.
- Operators shall be experienced and knowledgeable of system operation, and be capable of demonstrating their ability to operate the system.

Any other foam capabilities, such as eductor units (which siphon foam into the hose system), or when the foam is dumped directly into the tank, will not be accepted.

6. Vehicle Requirements.

- When fully loaded (including operators and accessory equipment), engines will conform to manufacturer's gross vehicle weight rating (GVWR). **The vehicle GVWR/GAWR plate should be on the driver's side doorpost, driver's door, or in the glove compartment. If missing or illegible, the contractor shall provide a GVWR certificate from manufacturer stating front, rear and total GVWR.** This includes balancing the load in a manner that all axle weights comply with the manufacturer's gross axle weight rating. The contractor may be responsible for providing certification from a professional mechanical engineer or other expert in the field of design engineering, establishing the fact the design limits of the equipment have not been compromised.
 - At time of hire, resource may be required to be fully loaded, with the contractor providing weight tickets for the load from a certified scale. The weight tickets will be by individual axle weight. All resources shall arrive at incident fire ready.
- All vehicles shall be licensed to carry the GVW of the loaded unit. Private sector vehicles that require a CDL operator when operating on public highways shall be furnished with a licensed CDL operator at all times. Drivers will comply with DOT driving limitations found at: <http://www.fmcsa.dot.gov/>.
- All cargo and equipment not permanently attached to the vehicle shall be secured in accordance with requirements found in 49 CFR 393.

Engine Inventory – Minimum: See Engine Checklist on Pages 33-34

CERTIFICATION - ENGINES

This certification is incorporated in and made part of Emergency Equipment Rental Agreement No. _____ . The equipment listed herein meets all of the minimum requirements for the equipment type.

EQUIPMENT TYPE	LICENSE NO.	SERIAL NO.
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

The following individuals meet all the personnel and training requirements for the position listed.

NAME	POSITION
_____	_____
_____	_____
_____	_____
_____	_____

The personnel listed above shall be provided with the equipment, in the numbers required by the agreement and equipment typing configurations. The personnel and equipment qualifications are in accordance with NRCG Supplement to Chapter 20 of the Interagency Incident Business Management Handbook.

A copy of the Emergency Equipment Rental Agreement, along with this certification, shall be provided to the Finance/Administration Section Chief or their designated representative immediately upon arrival at the incident.

Failure to provide equipment meeting the equipment type above shall result in a downgrade of typing and a reduction in rate to the type level the equipment meets, as set forth in the Interagency Incident Business Management Handbook, Chapter 20, NRCG Supplement. Failure of the equipment to meet a typing configuration, or to provide the personnel, shall be considered as withdrawing the equipment. Withdrawal shall be handled as set forth in the General Clause to the Emergency Equipment Rental Agreement, Clause 8, and Paragraph b.

I certify that the above-listed equipment meets the minimum typing standards for the type listed. I also certify that the above-listed personnel meet all of the qualification requirements for the position(s) listed.

_____ Government Representative (Signature)	_____ Contractor Representative (Signature)
_____ Name and Title (Printed)	_____ Contractor Name (Printed)
_____ Home Unit	_____ Address
_____ Phone No.	_____ City, State
_____ Date	_____ Date

CHECKLIST - ENGINES

Equipment Type _____

Vin. No. _____

1. Pump Capacity (gpm at psi) _____
2. Tank Capacity (Gallons) _____
3. Hose 2.5 inch (Feet) (Type 1 and 2) _____
4. Hose, 1 ½ Inches (Feet) _____
5. Hose, 1 Inches (Feet) _____
6. Ladder (48 feet) (Type 1 and 2) _____
7. Master Stream (GPM) (Type 1 and 2) _____
8. Meets Personnel Standards _____
9. Tank Baffled _____
10. Back-up Alarm (87 decibels measured while standing 5 feet behind and in the center of vehicle) _____

11. Minimum Complements:

2 nozzles, combination fog/straight stream, 1" NPSH female	
2 nozzles, combination fog/straight stream, 1 ½" NH female	
20 feet minimum suction hose with strainer or screened foot valve	
2 shovels, size 0	
2 pulaskis	
1 spanner wrench, combination 1" to 1-1/2"	
2 gated wyes, 1-1/2" NH threads	
4 reducers, 1-1/2" NH female to 1" NPSH male	
2 adapters, 1-1/2" NH female to 1-1/2" NPSH male	
2 adapters, 1-1/2" NPSH female to 1-1/2" NH male	
2 increasers, 1" NPSH female to 1-1/2" NH male	
2 adapters, ¼ turn to 1 inch NPSH (1 female/1 male)	
1 double male, 1" NPSH threads	
1 double female, 1" NPSH threads	
1 double male, 1-1/2" NH threads	
1 double female, 1-1/2" NH threads	
1 forestry hose clamp (1 ½")	
1 ea. required - 5-gallon container for drinking water	
1 ea. required - first aid kit (five person)	
1 ea. required - set of three (3) reflectors	
1 ea. required - fire extinguisher (5BC or better)	
1 ea. set required - wheel chocks (meet industry standard)	
5-gallon min. fuel to operate pump and engine for 12 hours	
1 ea. required pump for water fill or have drafting capabilities	
Tire Tread Depth equal to or better than 4/32" on steer axle and 2/32" on remaining tires	
300 feet of ¾-inch synthetic garden hose – 50 foot sections	
1 reducer, 1 inch NPSH to ¾-inch GH	
2 adjustable nozzles ¾ inch	
1 mop up wand with ¾-inch receptor for hose	

1 gated wye, ¾ inch			
5 inline ball valves, ¾ inch			
	GVWR	Front Axle	Rear Axle
12. Chassis Manufacturer's GVWR			
13. Loaded Actual Weight (from certified scale)			

NOTE: Equipment not required by this list is carried at the contractor's own risk. Compensation will not be given for additional items. Please list additional items on the back of this form. Attach to OF-296.

CONFIGURED AS ABOVE THIS UNIT IS CLASSIFIED AS A TYPE _____ ENGINE.

Compressed Air Foam System _____ Metered Foam System _____ None _____

Length of Engine _____ Width of Engine _____

Contractor's Signature		Date	
Inspector's Signature		Date	

TENDERS (SUPPORT), WATER REQUIREMENTS:

The first source of supply shall be the Forest Service, Region 1, 2010 Water Handling Equipment Agreements.

Personnel Requirements for Support Water Tenders

1. Annual Fireline Safety Refresher Training (RT-130) or equivalent and IS-700a.
2. The following personal protective equipment is required and must be provided by the contractor:
 - Boots - All leather, lace-up type, minimum 8 inches high with lug-type sole in good condition (steel toed boots are unacceptable).
 - Hardhat - Plastic, Class B, ANSI Z89.1, 1986, OSHA approved, with chinstrap. NOTE: Hardhat meeting NFPA Standard 1977, 1998 Edition, is required.
 - Gloves - One pair heavy duty leather per person.
 - Eye Protection - One pair per person (meets standards ANSI Z87.1, latest edition).
 - Head Lamp - One lamp per person with batteries and attachment for hardhat.
 - Canteen - 1-quart size, two per person required, four per person recommended (filled prior to arrival at incident).
 - Fire Shelter - One serviceable shelter per person. **New Generation Fire Shelters are required for contractors.**
 - Flame Resistant Clothing - Shirt and trousers for routine fireline duties, flame resistant clothing must:
 - Self-extinguish upon removal from heat source
 - Act as effective thermal barrier by minimizing conductive heat transfer
 - Not melt or shrink to any appreciable degree upon decomposition during exposure to a high heat source
 - Be manufactured from flame retardant treated (FRT) cotton, FRT rayon, FRT wool, aramid (Nomex), or other similar fabric

Support Water Tender Equipment Requirements:

1. Foam Units. The government shall provide the foam or make reimbursement only for approved chemicals when provided by the contractor. A list of approved chemicals can be found at www.fs.fed.us/fire/tools_tech/index.html
2. Water Tank Baffles. The water tanks must be equipped with partitions that reduce the shifting of the water load, including transverse baffles. Support water tenders shall have the water tank baffled in a manner that conforms to NFPA Standard 1906, or the American Society of Mechanical Engineers standards or other industry-accepted engineering standard.
3. Support water tenders shall have a spreader bar or equivalent that is capable of broadcasting an even spray of water across a road surface (must demonstrate at inspection).
4. All cargo and equipment not permanently attached to the vehicle shall be secured in accordance with requirements found in 49 CFR 393. Synthetic strapping will not be accepted.

5. When typing support water tenders, all of the requirements for both equipment and personnel must be met. In addition, a government fire expert must certify the equipment and personnel both meet the minimum requirements.
6. Inventory. At the time of hire, the contractor shall provide a complete inventory of the firefighting complement on the vehicle. A copy of the inventory shall be provided to the government fire expert and the procurement unit each time the vehicle is hired or reassigned to an incident.
7. Fully loaded tenders and trucks (including operators and complement) must conform to manufacturer's gross vehicle weight rating (GVWR) and gross axle weight rating (GAWR). This includes balancing the load in a manner that all axle weights comply with the manufacturer's gross axle weight rating. **The vehicle GVWR/GAWR plate should be on the driver's side doorpost, driver's door, or in the glove compartment. If missing or illegible, the Contractor shall provide a GVWR certificate from manufacturer stating front, rear and total GVWR.** The contractor may be responsible for providing certification from a professional mechanical engineer or other expert in the field of design engineering, establishing the fact the design limits of the equipment have not been compromised.
 - a. At time of hire, resource may be required to be fully loaded, with the contractor providing weight tickets for the load from a certified scale. The weight tickets will be by individual axle weight. All resources shall arrive at incident fire ready.
8. At time of hire, contractor shall meet minimum standards and shall be documented on the forms below.
9. Vehicles shall be licensed to carry the loaded GVW of the unit. Vehicles which require a CDL operator when operating on public highways shall be furnished with and operated by a licensed CDL operator at all times.
10. Modifications of tanks to meet GVWR must be permanent; overflow devices and water displacement devices are not allowed.

SUPPORT WATER TENDER MINIMUM INVENTORY – See Checklist on Pages 38-39:

CERTIFICATION - SUPPORT WATER TENDERS

This certification is incorporated in and made part of Emergency Equipment Rental Agreement No. _____ . The equipment listed herein meets all of the minimum requirements for the equipment type.

EQUIPMENT TYPE

SERIAL NO.

LICENSE NO.

The following individuals meet all the personnel and training requirements for the position listed.

NAME

POSITION

The personnel listed above shall be provided with the equipment, in the numbers required by the agreement and equipment typing configurations. The personnel and equipment qualifications are in accordance with NRCG Supplement to Chapter 20 of the Interagency Incident Business Management Handbook.

A copy of the Emergency Equipment Rental Agreement, along with this certification, shall be provided to the Finance/Administration Section Chief or their designated representative immediately upon arrival at the incident.

Failure to provide equipment meeting the typing configurations or the above-named personnel shall void the payment schedule listed in Blocks 11, 12 and 13 of the agreement.

I certify that the above-listed equipment meets the minimum typing standards for the type listed. I also certify that the above-listed personnel meet all of the qualification requirements for the position(s) listed.

Government Representative (Signature)

Contractor Representative (Signature)

Name and Title (Printed)

Contractor Name (Printed)

Home Unit

Address

Phone No.

City, State

Date

Date

CHECKLIST - SUPPORT WATER TENDERS

Equipment Type _____

Serial No. _____

1. Pump Capacity (GPM) _____

2. Tank Capacity (Gallons) _____

3. Off Load Capacity (GPM) _____

4. Maximum Refill Time (Minutes) _____

5. Meets Personnel Standards _____

6. Baffled Tank _____

7. Back up Alarm (87 decibel measured while standing 5 feet behind and in the center of vehicle) _____

8. Complement Requirements:

1½ inch nozzle NH – combination; fog/straight stream (plastic or metal)	
1½ inch NH female to 1 inch NPSH male reducer	
20 feet suction hose (minimum) with strainer or screened foot valve	
Shovel, size 0	
Pulaski	
Spanner wrench, combination 1½ to 2½	
Adjustable hydrant wrench	
2 adapters, 1½ inches NPSH female to 1½ inches NH male	
2 adapters, ¼ turn to 1½ inches NH (1 female and 1 male ea.)	
2 adapters, 1½ inches NH female to 1½ inches NPSH male	
2 reducers, 2½ inches NH female to 1½ inches NH male	
1 double male, 1½ inches NH	
1 double female, 1½ inches NH	
1 gated wye, 1½ inches NH	
1 Forestry Hose Clamp - 2½ inches	
1 first aid kit (5 person)	
Reflectors (1 set of 3)	
Fire extinguisher (5BC or better)	
Wheel chocks (meets industry, standards for wheel chocks)	
Fuel to operate pump and engine for 12 hours (minimum 5 gallons)	
2 each, portable hand lights	
100 feet of 1½ inches cotton/synthetic hose, NH thread	
50 feet of 2½ inches cotton/synthetic hose, NH thread	
Discharge outlets: 2 each 1½ inches NH thread	
Discharge outlet, 1 each 2½ NH thread	
Tire Tread Depth equal or better than 4/32" on steer axles 2/32" on remaining tires	

	GVWR	FRONT AXLE	REAR AXLE
9. Chassis Manufacturer's GVWR			
10. Loaded Actual Weight (from certified scale)			

NOTE: Equipment not required by this list is carried at the contractor's own risk. Compensation will not be given for additional items. Please list additional items on the back of this form. Attach to OF-296.

**CONFIGURED AS ABOVE, THIS UNIT IS CLASSIFIED AS A TYPE _____
WATER TENDER.**

Contractor's Signature		Date	
Inspector's Signature		Date	

TRUCK, WATER REQUIREMENTS:

Personnel Requirements for Water Trucks:

1. There are no physical fitness requirements.
2. Annual Fireline Safety Refresher Training (RT-130) or equivalent. This position **must** be accompanied by a NWCG 310-1 qualified supervisor if requested to go to the fireline.
3. The following personal protective equipment is required and must be provided by the contractor:
 - Boots - All leather, lace-up type, minimum 8 inches high with lug type sole in good condition (steel toed boots are unacceptable).
 - Hardhat - Plastic, Class B, ANSI Z89.1, 1986, OSHA approved, with chinstrap. NOTE: Hardhat meeting NFPA Standard 1977, 1998 Edition, is required.
 - Gloves - One pair heavy duty leather per person.
 - Eye Protection - One pair per person (meets standards ANSI 287, latest edition).
 - Head Lamp - One lamp per person with batteries and attachment for hardhat.
 - Canteen - 1-quart size, two per person required, four per person recommended (filled prior to arrival at incident).
4. The following items may be provided by the government if needed:
 - Fire Shelter - One serviceable shelter per person.
 - Flame Resistant Clothing - Shirt and trousers for routine fireline duties, flame resistant clothing must:
 - Self-extinguish upon removal from heat source.
 - Act as effective thermal barrier by minimizing conductive heat transfer.
 - Not melt or shrink to any appreciable degree upon decomposition during exposure to a high heat source.
 - Be manufactured from flame retardant treated (FRT) cotton, FRT rayon, FRT wool, aramid (Nomex), or other similar fabric.

Water Truck Equipment Requirements:

1. At time of hire, contractor shall meet minimum standards and shall be documented on the forms below.
2. Water Trucks shall have a spreader bar or equivalent that is capable of broadcasting an even spray of water across a road surface (must demonstrate at inspection).
3. The water tanks must be equipped with partitions that reduce the shifting of the water load. Water trucks shall have the water tank baffled in a manner that conforms to the NFPA Standards for Mobile Water Supply Apparatus, or the American Society of Mechanical Engineers standards or other industry-accepted engineering standards.
4. All cargo and equipment not permanently attached to the vehicle shall be secured in accordance with requirements found in 49 CFR 393. Synthetic strapping will not be accepted.
5. When typing water trucks, all requirements for both equipment and personnel must be met.

6. At the time of hire, the contractor shall provide a complete inventory of the firefighting complement on the vehicle. A copy of the inventory shall be provided to the government fire expert and the procurement unit each time the vehicle is hired or reassigned to an incident.
7. Fully loaded tenders and trucks (including operators and accessory equipment) must conform to manufacturer's gross vehicle weight rating (GVWR) and gross axle weight rating (GAWR). This includes balancing the load in a manner that all axle weights comply with the manufacturer's gross axle weight rating. **The vehicle GVWR/GAWR plate should be on the driver's side doorpost, driver's door, or in the glove compartment. If missing or illegible, the Contractor shall provide a GVWR certificate from manufacturer stating front, rear and total GVWR.** The contractor may be responsible for providing certification from a professional mechanical engineer or other expert in the field of design engineering, establishing the fact the design limits of the equipment have not been compromised.
 - At time of hire, resource may be required to be fully loaded, with the contractor providing weight tickets for the load from a certified scale. The weight tickets will be by individual axle weight. All resources shall arrive at incident fire ready.
8. Vehicles shall be licensed to carry the loaded GVW of the unit. Vehicles which require a CDL operator when operating on public highways shall be furnished with and operated by a licensed CDL operator at all times.
9. Modifications of tanks to meet GVWR must be permanent; overflow devices and water displacement devices are not allowed.

CERTIFICATION - WATER TRUCKS

This certification is incorporated in and made part of Emergency Equipment Rental Agreement No. _____.

The equipment listed herein meets all of the minimum requirements for the equipment type.

EQUIPMENT TYPE

SERIAL NO.

LICENSE NO.

A copy of the Emergency Equipment Rental Agreement, along with this certification shall be provided to the Finance/Administration Section Chief or their designated representative immediately upon arrival at the incident.

Failure to provide equipment meeting the typing configurations shall void the agreement.

I certify that the above listed equipment meets the minimum typing standards for the type listed.

Government Representative (Signature)

Contractor Representative (Signature)

Name and Title (Printed)

Contractor Name (Printed)

Home Unit

Address

Phone No.

City, State

Date

Date

CHECKLIST - WATER TRUCK

Equipment Type _____

Serial No. _____

1. Pump Capacity (GPM) _____

2. Tank Capacity (Gallons) _____

3. Off Load Capacity (GPM) _____

4. Maximum Refill Time (Minutes) _____

5. Spreader Bar or equivalent _____

6. Baffled Tank _____

7. Meets Personnel Standards _____

8. Wheel Chocks (Meet Industry Std.) _____

9. Fire Extinguisher (5BC or better) _____

10. Drafting Hose (20 ft w/strainer) _____

11. First Aid Kit (five person) _____

12. Tire Tread Depth greater than 4/32" on steer
axles and 2/32" on remaining tires _____

13. Back-up Alarm 87 decibels while measured
standing 5 feet behind and in the center of vehicle. _____

	GVWR	Front Axle	Rear Axle
14. Chassis Manufacturer's GVWR			
15. Loaded Actual Weight (from certified scale)			

NOTE: Equipment not required by this list is carried at the contractor's own risk. Compensation will not be given for additional items. Please list additional items on the back of this form. Attach to the OF-296.

**CONFIGURED AS ABOVE THIS UNIT IS CLASSIFIED AS A TYPE _____
WATER TRUCK**

Contractor's Signature		Date	
Inspector's Signature		Date	

ALL OTHER EQUIPMENT:

ALL-TERRAIN VEHICLES AND UTILITY TERRAIN VEHICLES:

The preferred method of hire is commercial rates.

Class	Remarks
UTV*	<ul style="list-style-type: none">• Delivery and pickup negotiated separately.• Negotiate trailer separately.• Must have certified ROPS.• Incident must provide operators who meet agency certification.• Must be all wheel drive.
ATV	<ul style="list-style-type: none">• Tie-downs and ramps are included in daily rate. Delivery and pickup negotiated separately.• Incident must provide operators who meet agency certification.• Must be all wheel drive.• No 3-wheel vehicles.• No 2-stroke engines.

*** UTVs must be equipped with certified Rollover Protective Structures (ROPS) and used in conjunction with seatbelts. In accordance with safety standards, model Max IV UTV shall not be hired.**

AMBULANCES - GROUND BASED PRIVATE

Preferred method of hire is fully operated commercial rates. Use daily rate and provide for reimbursement for the expendable supplies not associated with patient transport. Ambulances shall meet local and state rules, regulations and licensing requirements where such exist. The age, condition, and configuration of ambulances vary significantly and directly impact the operational costs.

Medical Transport: When the ambulance is mobilized to transport a patient the rate will be pro-rated per clause 7 of the general terms and conditions. The ambulance reverts to their normal billing procedures for the medical incident which would include a loaded mileage rate. For all patient care and transport the ambulance will submit a bill to the patient's appropriate home agency for workers compensation billing. The APMC guidelines for the Northern Rockies states that all care beyond basic first aid will be processed through the patient's appropriate workers comp. Medical transport shall be documented on the shift ticket and turned in to Finance for documentation purposes. If no patient care or transport occurs, the ambulance will be paid the daily rate for the time worked.

ALS and BLS standards are defined by state rules, regulations and licensing requirements.

Ambulance must provide inventory.

Private ambulances should only be hired if the incident is in such a remote location that community EMS or area Life Flight is not available.

Review the Northern Rockies policy on utilizing Incident Medical Specialists (IMS) program prior to ordering ambulances on incidents. Contact Mary Jo Lommen at 406-329-4930.

http://www.fs.fed.us/r1/fire/nrcg/Committees/Operations/ims/ims_web_site/index.html

Type	Level of Care
1	Advanced Life Support (ALS)
2	Basic Life Support (BLS)

BUSES – General:

1. **Buses for Hire.** **The first source of supply shall be the USDA Forest Service, 2011 National Competed Bus Agreements.** For all buses, the incident agency shall be responsible for processing the payments.
2. Ordering of all buses in the Northern Rockies shall be through the dispatch/resource ordering process.
3. Contractors/operators shall not exceed duty limitation hours set forth in Chapter 10 of the IIBMH.
4. **School-Type Buses.** Buses may be rented fully operated or unoperated and with or without government-furnished items. The elements of cost, liability, and bus availability may vary depending on the method used. The rental method chosen should be selected that will best meet agency needs at the lowest overall cost.
5. The preferred method of procuring buses is fully operated. Because of vendor limitations, it may be necessary to hire the bus unoperated with the government providing the operator. When the bus is hired fully operated the contractor is responsible for meeting all state laws, including insurance coverage, for the state(s) in which an assignment is initially accepted or reassigned. All buses shall meet the insurance requirements of Department of Transportation (DOT) Regulation CFR 49 Part 387.33, which specifies a minimum \$5,000,000 insurance coverage.
6. **Contracting for School-Type Bus Services.**
 - All buses will have a date of manufacture January 1, 1977, or later.
 - The DOT and state law governs operator licensing. Each operator will have the appropriate commercial drivers license (CDL).
 - All buses shall have proof of current safety inspection.
Current safety ratings for contractors may be accessed at the following website: <http://www.safersys.org>, then click on "SAFER Database Queries" or at <http://ai.volpe.dot.gov/SafeStat/SafeStatMain.asp>
7. All buses shall have the capability to safely transport personnel, packs and hand tools either internally or externally and shall have a minimum of 120 cubic feet of storage space.

Internal cargo storage areas will be constructed of durable materials that can safely and securely hold a minimum of 5100 pounds of firefighting gear. The storage area shall be securely mounted to the body or frame of the vehicle. The device will be engineered for the protection of the passengers, with no sharp edges or unfinished areas that may cause personnel injury. The storage area as designed shall not block exits that allow for the safe egress of personnel. Due to the wracking nature of off-road personnel carriers, storage areas shall be constructed as to withstand shifting cargo. Storage areas may be constructed of heavy weight ballistic nylon that is reinforced with heavy webbing that encapsulates the load, but netting is not approved. If the storage area is a cage like devise then the frame shall be constructed of metal. The internal or external transport space must meet Federal Motor Carrier – Safety Regulations 392.62 (c) 1, 2, 3 Safe Operations. If the contractor chooses to provide a “chase vehicle” to transport packs/tools, it shall be at no cost or liability to the government. If the government is required to provide a “chase vehicle” to carry packs/tools because the bus cannot transport them, \$150/day will be deducted from the contractor’s invoice. Buses shall not transport flammable/combustible liquids, such as chainsaw gas, internally. Flammable/combustible liquids may be transported in a DOT approved external compartment. A chase vehicle for these items may be provided by the government.

8. **Reference Northern Rockies Mobilization Guide for number of hours personnel may be transported in a school bus.**
9. **Basis and Amount of Payment.** Payment for competed agreements and local EERAs/I-BPAs is based either on the mileage rate or the daily rate, whichever is greater. The host agency for the incident is the designated payment office. **NO BUS SHALL BE RELEASED OR REASSIGNED WITHOUT A COMPLETED EQUIPMENT USE INVOICE FOR THE INCIDENT THEY ARE LEAVING.**

BUSES, CREW TRANSPORT (school) – Rates:

	Fully Operated Mileage Rate (\$)	Unoperated Mileage Rate (\$)	Operated Daily Rate (\$) (Guarantee)	Unoperated Daily Rate (\$) (Guarantee)
Capacity 22 or greater	3.27	2.05	818.00	513.00
<ul style="list-style-type: none"> Payment is based on either mileage rate or daily rate (guarantee), whichever is greater. 				

BUSES, COACH – Rates:

	Fully Operated Mileage Rate (\$)	Daily Rate (\$) (Guarantee)
Coach	3.37	843.00
<ul style="list-style-type: none"> Payment is based on either mileage rate or daily rate (guarantee), whichever is greater. 		

SINGLE FALLERS AND FALLER MODULES

The first source of supply shall be the Forest Service, Region 1, 2011 Faller Module Agreements.

	Daily Rate
Single Faller	\$703.00
Faller Module (Two Fallers)	\$1232.00
<ul style="list-style-type: none">• Single Faller and Faller Module rate shall include equipment, operating supplies, appropriate insurance and transportation• Single Faller and Faller Module should provide verifiable proof of experience• Single Faller and Faller Module should provide proof of liability insurance, Workers Compensation insurance or exemption• Faller Module is comprised of two professional sawyers fully equipped	

FUEL TENDER – GENERAL

The first source of supply shall be the BLM 2010 Fuel Tender Agreement.

Current vendors and specifications can be found at:

<http://www.fs.fed.us/r1/fire/nrcg/agree-contract/index.html>

1. The preferred method of hire is a daily rate with the contractor providing the operating supplies, one operator per shift, and the ability to process credit cards in the field.
2. Vendors must process credit cards for payment of fuel procured by all resources at the work site. The list of credit cards that must be accepted by the fuel vendor is posted on the NRCG contracting website.
3. A contractor who cannot provide credit card service can be used when all other resources have been exhausted. The fuel tender operator must complete Emergency Equipment Fuel and Oil Issue tickets, OF-304, and reconcile them with the finance section on a daily basis. When the contractor provides the fuel to government and contract vehicles, the agreement should state the basis of payment for the dispensed fuel, oil and miscellaneous products.
4. Fuel tender shall be fully registered as a commercial vehicle and be current with all DOT, EPA and state inspection requirements. Vehicles which require a CDL operator when operating on public highways shall be provided with a qualified operator at all times.
5. Fuel tender dispensing system must be designed to eliminate the wrong product being dispensed, e.g. gasoline being introduced into a diesel-powered vehicle due to the dispensing system not being completely drained from the previous fueling. A separate dispensing system for each product carried is required.
6. Fuel tender shall contain a certified meter to measure accurate deliveries.
7. Spill containment kits are required and must meet state hazardous materials containment requirements. No separate payment will be made for nursing tender or spill containment kits.
8. A spreadsheet for the tracking of fuel issues may be found at:
http://www.fs.fed.us/r1/fire/nrcg/Committees/business_committee.htm

FUEL TENDER – Rates:

Type	Size	Fully Operated Daily Rate Single Shift (\$)	Fully Operated Daily Rate Double Shift (\$)
1	2500+ gal	1661	2741
2	1500-2499 gal	1515	2500
3	1000-1499 gal	1369	2259

Requirements

- Hazmat spill kit meeting state hazardous materials containment requirements.
- Fire extinguisher, 10BC or better.
- Chock blocks of appropriate size for tire diameter.
- Flashlight.
- Electric back-up alarm, minimum 87 decibels measured while standing 5 feet behind and in center of the vehicle.
- Reflectors, one set of three.

Fuel will be paid at the current bulk fuel price. Per gallon price will be established at the time of hire and shall be displayed in a visible fashion. Due to the rapidly changing nature of fuel prices, no guarantees can be made for prices of fuel and the contractor has the right to charge what is fair and accurate based on the bulk fuel price.

For scheduled partial days (for example, mornings and/or nights), a negotiated hourly and mileage rate may be established not to exceed daily rate.

OFFICE, CLERICAL SUPPORT MODULE

First source of supply shall be the 2011 Region 1 USDA Forest Service competitive solicitation

Remarks
Full service copy center includes FAX, copy machines, operators and supplies.
Hire fully operated at daily, weekly or monthly commercial rates. Per copy rates additional.

OFFICE, MODULAR

Remarks
Daily, weekly or monthly commercial rates.
Should include set up, take down, OSHA approved steps for all doors
Mobilization and demobilization mileage may apply
Generally paid by commercial invoice.

PACK AND SADDLE STOCK

Fully equipped pack and saddle stock must be signed up with packer(s). Costs of transporting stock to designated locations may be paid as a separate item. Contractor is responsible to provide feed and veterinary expenses. Contractor must provide and use weed-free hay only.

Remarks
Use Commercial rates where available.

PUMP, PORTABLE

Type	Unoperated Daily Rate (\$)	Remarks
1	140.00	Trailer-mounted low-pressure/high-volume pump producing a minimum volume of 500 GPM. Contractor provides intake and discharge hose.
2	66.00	Small low-volume/high-pressure portable pumps with intake hose, capable of being transported by one or two people. Pumps in this category are the Mark 26, Mark III and Gorman Rupp, or similar type pumps.
3	38.00	Small low-pressure/high-volume portable pump that can be transported by one or two people. These pumps are similar to a Homelite or Honda trash pump.

TOILETS, PORTABLE

The first source of supply for all agencies within the Northern Rockies shall be the Montana DNRC 2012 Portable Toilet & Handwash Station agreements.

Remarks
Standard method of hire: Commercial daily rate, which includes delivery, pickup, servicing, plus mileage, if applicable.

TRANSPORTATION, COMMERCIALLY RENTED VEHICLES

The first source of supply for all agencies within the Northern Rockies shall be the Montana DNRC 2012 unoperated vehicle agreements.

1. Consideration should be given to weekly or monthly rates when determined to be more economical. See IIBMH, Chapter 10 for more information on car rental.
2. When negotiating with national rental companies, ensure the vendor understands the vehicles may be used off-road. Therefore, the preferred method of hiring vehicles is on the EERA/I-BPA form. The purchase card may also be used for agencies other than the Forest Service. If the purchase card is used, the cardholder shall consider:

- a. how the vehicles will be closed out at the end of the cardholder's assignment,
 - b. that use is for ALL government employees, and
 - c. a process for claim settlement that may result from the rental.
3. It is recommended the procurement officer determine ownership and review the vehicle license and registration.
4. Equipment shall be equipped with spare tire, wheel wrench, and jack.
5. Vehicles shall be in good condition and meet all state and local laws for operation on public roads. Vehicle cleanup after use should be addressed at the time of signup. The government has the option of cleaning the vehicles before final inspection or providing compensation to the vendor for cleanup. The preferred method of cleanup is for the government to provide this service allowing for a better inspection process.

TRANSPORTATION, PRIVATELY OWNED VEHICLES

There are two standard methods of hire:

- Unoperated, daily rate plus mileage rate. The government provides operating supplies. Agencies must adhere to their policies regarding hiring of drivers and equipment.
- Fully operated, daily rate plus mileage rate. The government provides operating supplies. Vendors entering into fully operated vehicle agreements should assure their insurance coverage is compliant with agreement requirements. Reference FAR 52.247-21.

AUTOMOBILE – Rates:

	Unoperated Daily Rate (\$)	Fully Operated Daily Rate (\$)	Mileage Rate (\$)
Sedans, midsize or larger	48.00	296.00	.16

PICKUPS, 4X2 – Rates:

	Unoperated Daily Rate (\$)	Fully Operated Daily Rate (\$)	Mileage Rate (\$)
Compact	37.00	285.00	.15
½ ton	44.00	292.00	.19
¾ ton	49.00	297.00	.22
1 ton	60.00	308.00	.31

PICKUPS, 4X4 – Rates:

	Unoperated Daily Rate (\$)	Fully Operated Daily Rate (\$)	Mileage Rate(\$)
Compact	44.00	292.00	.19
½ ton	49.00	297.00	.22
¾ ton	55.00	303.00	.24
1 ton	68.00	316.00	.35

SPORT UTILITY (BLAZER/SUBURBANS/EXPLORERS/JEEPS) – Rates:

	Unoperated Daily Rate (\$)	Fully Operated Daily Rate (\$)	Mileage Rate (\$)
Compact	53.00	301.00	.24
½ ton	58.00	306.00	.31
¾ ton+	65.00	313.00	.35

TRUCKS, STAKESIDE/STOCK – Rates:

	Size	Unoperated Daily Rate (\$)	Fully Operated Daily Rate (\$)	Mileage Rate (\$)
8,500-12,000 GVW	9-foot platform and up	67.00	438.00	.37
12,001-14,5000 GVW	12-foot platform and up	78.00	449.00	.60
14,501-21,000 GVW	12-foot platform and up	92.00	463.00	.73
21,000+ GVW	12-foot platform and up	104.00	475.00	.84

VANS, PASSENGER – Rates:

IN ACCORDANCE WITH AGENCY POLICY, VANS CLASSIFIED AS 15 PASSENGER SHALL NOT BE HIRED.

	Unoperated Daily Rate (\$)	Fully Operated Daily Rate (\$)	Mileage Rate (\$)
Mini, 7 pass	55.00	303.00	.24
½ ton, 8 pass	60.00	308.00	.27
¾ ton, 12 pass	68.00	316.00	.32

TRUCK/TRAILER, REFRIGERATION – General

Onsite pickup and delivery rates may be in addition to the unoperated daily rate. Rates for truck-mounted refrigerator units will be significantly higher than trailer units and must be negotiated. Use commercial rates when available. Equipment must meet commercial standards for refrigerator trailers.

TRUCK/TRAILER, REFRIGERATOR – Rates:

Type	Trailer Length	Unoperated Daily Rate (\$)
1	43+ feet	153.00
2	29 - 43 feet	124.00
3	20 - 28 feet	90.00

TRUCKS, SERVICE: General

First source of supply shall be the R1 Forest Service 2011 Service/Shop Truck competitive solicitation.

The rates are based on commercial heavy equipment service trucks that include field repair and maintenance as a major part of their normal business. The trucks are to be fully equipped with welder, cutting torch, compressor, and tools.

- Type 1, heavy equipment service trucks, normally carry an auto crane with a capacity between 500 and 4,000 lbs., with more assorted mechanical tools, tool boxes, welder, cutting torch, air compressor that is around 180 psi at 20 cubic feet per minute, and specialized tools.
- Services provided by Type 1 service trucks may include but are not limited to changing tires, repair of steel tracks, repair of hydraulic hoses, fixing simple cracks in metal, removing and replacing heavy parts on equipment, and/or replacing bearings and seals. A generic diagnostic code reader is desirable.
- Type 2, light service trucks normally carry limited mechanical tools, 10-ton lift jack, small portable air compressor, and limited specialized equipment for minor field repairs or maintenance.
- Services provided by Type 2, light service trucks, may include but are not limited to general troubleshooting and repair of passenger cars and trucks, changing tires, repair and carburetor adjustments on small engines, and/or replacing bearings and seals. A generic diagnostic code reader is desirable.

The contractor shall be responsible for keeping records (using Incident Equipment Repair Order form – reference Exhibit 26, page 64) of services and supplies used in repairing vehicles. Repair order forms will be turned in to Finance after each operational period.

Note: These records are required by the government to charge contractors for government-provided services (\$90/hr., rounded to nearest ½ hr.) and supplies (actual supplies as identified on the Incident Equipment Repair Order Form).

TRUCKS, SERVICE – Rates:

Type	Fully Operated Daily Rate Single Shift (\$)	Fully Operated Daily Rate Double Shift (\$)	
1	1220	2013	Heavy equipment, diesel mechanic with full service truck
2	1175	1939	Automotive, light truck, small engine or chainsaw mechanic with service truck
<ul style="list-style-type: none"> • For additional mechanic, if ordered, increase daily rate by \$434 (one operational period) and \$744 (two operational periods). • Service truck is compensated at the daily rate only, and not through the repair rate charged by the government to individual contractors. 			

VAN, BOX:

Remarks
Use commercial rates when available

VEHICLE WASHING SYSTEM – WEED WASH STATION:

The first source of supply shall be the USDA Forest Service, Region 1, 2011 Weed Wash Agreements.

Vehicle Containment Station Responsibilities:

1) The Jurisdictional Agency will:

- a. Determine weed wash needs and type of unit(s) used and area(s) of placement.

2) The Government will:

- a. Provide wash water to the wash site
- b. Remove waste water
- c. Remove solid waste or designate an appropriate disposal site
- d. Inspect washed equipment to ensure that the wash station is meeting agreement requirements. If the wash station does not meet the expectations of the government, it may be removed and replaced with a different system
- e. Document contractor performance on a performance evaluation form (ICS-224)

3) The Contractor shall:

- a. Thoroughly wash all vehicles and equipment to remove all soil, plant parts and seeds. Vehicles and equipment include, but are not limited to, fire engines, heavy equipment, logging equipment, transports, pickups, SUVs and sedans.
- b. Ensure that services include, but are not limited to, the removal of all mud, caked dirt, and vegetative parts off the undercarriage, cross members, frame, skid plates, belly pans, wheels, treads, tracks, suspension, bumpers, wheel wells, radiator grills, and the ledges on the inside of rear and front bumpers.
- c. Visually and manually inspect hard to reach areas to ensure they are clean.
- d. Inspect and wash all soil and plant parts off of drafting hoses and drafting gear on engines and water tenders.
- e. Ensure that the system used does not cause damage to the paint or electrical connections of vehicles and equipment being washed
- f. Keep the wash station in repair and fully operational during the designated assignment
- g. Capture, package and label solid waste in secure, easily transportable containment packages/devices, approved by the government representative at the incident, and place them at a location specified by the government. Containers/packages of solid waste shall weigh no more than 50 lbs each.
- h. Maintain a daily record of all washed vehicles. The contractor shall use government forms, if required by the government.

4) The Contractor shall not:

- a. Dispose of solid waste unless an acceptable site is designated by the government for the waste to be disposed of; otherwise this is the responsibility of the government (the intent is to ensure proper disposal).

- b. Discharge or otherwise dispose of liquid waste unless approved by the jurisdictional agency at the incident or project.

5) Weed Wash Containment Station Equipment

- a. Wash systems may be high pressure with low volume or low pressure with high volume. High pressure systems have water pressures designated above 1000 pounds per square inch (psi), while high volume systems deliver 10 gallons of water per minute or more. The vendor may use a high pressure/low volume or high volume/low pressure system.

Type 1	Self-Contained with Recycling Water System
Type 2	Self-Contained with Non-Recycling Water System
Standard method of hire: Fully operated daily rate includes delivery, pickup, servicing, and mileage.	

Type 1: Self-Contained with Recycling Water System

- a) Portable commercial power washers with two hand-held, high pressure wands/nozzles. These nozzles must be suitable to wash 100% of the underbody surfaces.
- b) Underbody washer. The underbody washing system must have nozzles that can be directed to within 45 degrees of vertical. The spray from these nozzles must be able to cover 100% of the underbody surfaces.
- c) A water source or storage tank. The water source or tank shall have adequate capacity to operate the wash system continuously for a minimum of two hours.
- d) Waste water shall be contained by the wash system. All wash residues shall be removed from the tracking surfaces of the vehicle being washed before vehicle exits system to prevent contamination to the exiting vehicle
- e) If water is recycled, it shall be filtered to a maximum particle size of 100 microns, or use a clean water final rinse. Contractor is responsible for maintaining the quality of the recycled water to ensure clean and safe washed equipment. Contractor shall ensure the containment system is in a functional condition at all times. Gray water must be disposed of in accordance with wastewater requirements of the authority having jurisdiction.
- f) Contractor shall place solid waste in a secure, easily transportable containment device in consultation with the ground support or resource unit on the incident. Solid waste shall be disposed of by the jurisdictional agency.
- g) Process time to wash a single wildland fire engine shall not exceed 5 minutes average for any 10 fire engines.
- h) The contractor shall provide a minimum of 2 skilled operators that are knowledgeable in the removal of weed seeds, safe operation, maintenance and repair of the wash system. These personnel shall be present at all times during the incident operational periods.

- i) A minimum of two, outdoor duty-rated worklights providing sufficient illumination of the work area for safe and effective operation in wet environments.
- j) The wash system must comply with all applicable OSHA regulations related to operator safety and all segments of the washer must be in operating condition with no missing parts. All alternating current electric motors must be listed with Underwriters Laboratory and approved for the duty of their application.

Type 2: Self-Contained with Non-Recycling Water System

The system shall have:

- a) Portable commercial power washers with two hand-held, high pressure wands/nozzles. These nozzles must be suitable to wash 100% of the underbody surfaces.
- b) A water source or storage tank. The water source or tank shall have adequate capacity to operate the wash system continuously for a minimum of two hours.
- c) Waste water must be disposed of in accordance with wastewater requirements of the authority having jurisdiction.
- d) Contractor shall place solid waste in a secure, easily transportable containment device. Solid waste shall be disposed of by the jurisdictional agency.
- e) Geotextile cloth, Amoco Geotextile cloth, Amoco 4553 or the equivalent; having no greater than 150 micron openings shall be utilized. This cloth shall withstand heavy truck traffic. A 15' wide by 40' piece shall be supplied by the contractor and shall be installed on a pad of gravel or a well-drained surface that is provided by the jurisdictional agency. Contractor shall maintain the mat in a functional condition at all times.

Alternate: At the discretion of the jurisdictional agency a contractor may use an impermeable containment mat and pump the waste water to a better drainage area if they first filter it through Amoco 4553 or equivalent geotextile bags at the discharge end.

- f) Process time to wash a single wildland fire engine under normal conditions shall not exceed on average eight (8) minutes each.
- g) The contractor shall provide at least one skilled operator to perform operations. The operator shall be knowledgeable in the safe operation, maintenance and repair of the wash system. Operators shall be able to demonstrate knowledge, skills and abilities to manage all waste products from the washer system. These personnel shall be present at all times during the incident operational periods, and are responsible for the safe operation of the wash station.
- h) The wash system must comply with all applicable OSHA regulations related to operator safety and all components of the washer must be in operating condition with no missing

parts. All alternating current electric motors must be listed with Underwriters Laboratory and approved for the duty of their application.

The system may have:

- a) A mechanical underbody washer. The underbody washing system must have nozzles that can be directed to within 45 degrees of vertical. The spray from these nozzles must be able to cover 100% of the underbody surfaces.
- b) An additional operator, skilled and knowledgeable in the safe operation, maintenance and repair of the wash system. Operators shall be able to demonstrate knowledge, skills and abilities to manage all waste products from the washer system. These personnel shall be present at all times during the incident operational periods, and are responsible for the safe operation of the wash station.
- c) A minimum of two, outdoor duty-rated work lights providing sufficient illumination of the work area for safe and effective operation.

WATER TANK, PORTABLE, SELF-STANDING:

Capacity	Unoperated Daily Rate (\$)
1,000-1,999 gallons	33.00
2,000-3,000 gallons	39.00

25 - UNIQUE ITEMS

Procurement from Government Employees

The procurement of goods or services from government employees is agency-specific. For those agencies authorized to rent livestock or equipment from government employees, this alternative should be considered as a last source of supply. Documentation for hiring employee equipment must be included in the payment package with a copy remaining with the host unit.

25.2 - Government Telephone Systems

Purchase, rental or lease of any telecommunications services or equipment is agency specific. For federal agencies, any required technical approvals shall be arranged prior to ordering. Appropriated dollars shall only be expended for telecommunications supplies or services when being used strictly for government business.

Telephone lines cannot be installed exclusively for crews' personal use. Pay phones may be ordered if there is no associated cost incurred by the Government for installation, use or removal.

Cell Phones

Refer to host agency Incident Operating Guidelines for specific guidance on use of all cell phones. Incident purchased phones are property of the incident host unit.

Use of personal cell phones (including personal TracPhone and the recharging minutes) and satellite phones will not be reimbursed.

Prepaid Calling Cards

These cards will be of the smallest practical number of minutes and their distribution will be controlled and monitored by the host unit.

FS: Regular FS Employees should obtain and use the standard federal calling card while on official travel/business (10 minutes for personal use per day is allowed).

Prepaid calling cards are primarily for temporary employees only. They can only be ordered through the local unit.

ID/MT: The State of Idaho and State of Montana cannot purchase prepaid calling cards.

BLM: State/Center or benefiting activity funds may be used to procure a limited amount of non-FTS-2001 prepaid calling cards on an as-needed basis.

NPS: Regular NPS employees should obtain and use the standard federal calling card while on official travel/business (10 minutes for personal use per day is allowed).

26 - EERA/I-BPA ADMINISTRATION

26.3 - Documentation

All commercial motor vehicles shall have a current, periodic (annual) vehicle inspection, which meets the requirements of 49 CFR 396.17. A Commercial Vehicle Safety Alliance (CVSA) sticker dated within the past year may be substituted.

26.6 - Contract Claims

Claims settlement is agency specific, and remains the responsibility of the incident agency. Procurement personnel shall receive direction for claims resolution from the incident agency upon assignment. Only warranted contracting officers have the authority to obligate the government for acquisitions above the micro-purchase threshold.

1. Federal Government Claims. Unless limited by agency policy or the Agency Administrator, any federal agency claim may be settled by any warranted GS-1102 Contracting Officer; and minor claims may be settled by warranted GS-1105 Purchasing Agents. Minor claims are interpreted to include claims that are evident as to existence, responsibility, and reasonable in claimed amount. Claims settlements recommended by a GS-1105 Purchasing Agent exceeding \$2,500 per claim shall be reviewed by a GS-1102 Contracting Officer with specific authority. Some agencies may require claims be reviewed by their legal department.

2. State of Montana Claims. Claims arising under the jurisdiction of the State of Montana are negotiated by the responsible line officer or Agency Administrator. These individuals may delegate this authority to other DNRC employees or to the Incident Management Team. When possible, claims should be settled at the incident. For comprehensive information on handling claims against MT DNRC, see the DNRC 300 Incident Business Management Manual, or contact the Business Management Bureau, Forestry Division, Department of Natural Resources and Conservation, 2705 Spurgin Road, Missoula, Montana 59804; office phone: (406) 542-4300.

3. State of Idaho Claims. Settlements arising under the jurisdiction of the State of Idaho can be negotiated by the incident Agency Administrator (Area Supervisor) up to \$2,500. Settlements exceeding \$2,500 must be referred to the Idaho Department of Lands, Bureau of Fire Management, Idaho, 3780 Industrial Avenue, Coeur d'Alene, Idaho 83815; office phone: (208) 769-1522.

4. State of North Dakota Claims. Claims against the state must be made in writing to the Director of Office of Management and Budget. The claim must be filed within 180 days of when the alleged injury was discovered or reasonably should have been discovered. Claim forms may be requested from the Office of Management and Budget, 600 East Boulevard Avenue, Department 110, Bismarck, ND 58505-0400; phone: (701) 328-4904.

28 - EXHIBITS

- Exhibit 22 – Classification for Commercial Driver's License and Definitions of State License Type Endorsements
- Exhibit 23 – Northern Rockies Contract Personnel Requirements
- Exhibit 24 – Aftermarket Equipment Certification Form
- Exhibit 25 – Incident Equipment Repair Order

Copies of the certification forms and checklists for heavy equipment and water handling equipment are also posted at:

<http://www.fs.fed.us/r1/fire/nrcg/agree-contract/index.html>

28 - Exhibit 22

CLASSIFICATION OF COMMERCIAL DRIVER'S LICENSES

CLASSIFICATION	DEFINITION
Class D	This is the license that most people will carry. It covers any single vehicle under 26,000 GVWR - Trailers under 10,000 GTWR - Vehicles that carry 15 passengers or less including the driver. It is a regular non-commercial license.
Class C	All vehicles UNDER 26,000 lbs. that haul hazardous materials which require placarding, or haul 16 or more passengers including the driver. Trailers not more than 10,000 lbs. GTWR.
Class B	All single vehicles OVER 26,000 GVWR - Trailers not more than 10,000 GTWR - All vehicles that will carry 16 or more passengers including the driver. Includes all vehicles under Class C or D.
Class A	Any combination of two or more vehicles, including trailer(s) in excess of 10,000 lbs., articulated buses over 26,000 lbs., and all vehicles authorized under Class B, C, and/or D.

Operators of vehicles that have a GVWR of 10,001 and greater and are engaged in interstate commerce are required to have a current DOT medical examination card in their possession.

DEFINITIONS OF STATE LICENSE TYPE ENDORSEMENTS

ENDORSEMENT	DEFINITION
Type 1	Allows the driver to operate a commercial motor vehicle in any state (interstate). Must be 21 years of age or older.
Type 2	Limits the driver to operating a commercial vehicle in a single state (intrastate). Must be 18 years of age or older.
M	When added to a Class A, B, C or D license, allows the driver to operate a motorcycle or ATV on public roads.
H	When added to a Class A, B, or C license, allows the driver to haul hazardous materials that require placarding per DOT regulations.
P	Allows the driver to operate a passenger vehicle carrying 16 passengers or more including the driver.
N	When added to a Class A, B, or C license, allows the driver to operate a tank vehicle transporting bulk liquid. Not required for "portable" tanks less than 1,000-gallon capacity.
X	Allows the driver to haul hazardous material and operate a tank vehicle.
T	When added to a Class A license, allows the driver to operate any commercial vehicle combination with two or more trailers.
A	Air Brake Restriction - placed on the commercial license of those who ARE NOT qualified to operate air brake equipment vehicles.

28 – Exhibit 23

Northern Rockies Contract Personnel Requirements

Classification	Physical Fitness Test	Fireline Safety Refresher (5)	Personal Protective Equipment (PPE)
Dozers, skidders, skidgines, superskidgines, soft tracks, feller-bunchers, graders, excavators, chipper, masticator (1)	No	Yes	Yes
Drivers of pickups, SUVs, sedans, cargo	No	Yes/No (2)	Yes/No (2)
Buses	No	Yes/No (2)	Yes/No (2)
Transports	No	Yes/No (2)	Yes/No (2)
Water truck (1)	No	Yes	Yes
Water tenders (*Support) (1)	No	Yes	Yes
Engines Type 1-2, and ARFF (4) (6)	Light	Yes	Yes
Engines Type 3-7 (3) (6)	Arduous	Yes	Yes
Shop Trucks	No	Yes	Yes
Fuel Tender	No	Yes/No (2)	No
Ambulances Ground (6)	No	Yes	Yes
Professional Fallers (1)	Light	Yes	Yes
Gray water	No	Yes/No (2)	Yes/No (2)
Potable water truck	No	Yes/No (2)	Yes/No (2)
Support Positions	No	Yes/No (2)	Yes/No (2)
Weed Wash Stations	No	Yes /No (2)	Yes /No (2)
Misc. Support Trailers	No	Yes /No (2)	Yes /No (2)

*Only Support Water Tenders are utilized in the Northern Rockies. The NR Operations Committee has determined Tactical Water Tenders are not needed in the Geographic Area.

Training providers: http://www.fs.fed.us/r1/fire/nrcg/training_mou_index.htm

- (1) A fireline qualified person must accompany position(s) on fireline activity.
- (2) On a case-by-case basis, some situations may require PPE and the Annual Safety Refresher (RT-130). If not staying in camp, refer to Host Agency Operating Guidelines for requirements.
- (3) Engines are required to have a NWCG 310-1 Qualified Single Resource Boss (Engine) and one FFT2 at a minimum.
- (4) NFPA 1001 & NFPA 1051 or equivalent training required.
- (5) Annual Fireline Safety Refresher Training (RT-130) is required for all personnel participating in fire suppression activities who may be subject to assignments on the fireline; for example, technical specialists, bus drivers and ground support personnel delivering resources to the fireline. The minimum requirement is four (4) hours for Contract Resources and up to eight (8) hours, depending on the hiring agency for Casual employees. Refresher training shall minimally consist of fire shelter purpose and use, practice deployments, and any pertinent fire safety related topics, such as: Fire Orders and Watch-Out Situations; Lookouts, Communications, Escape Routes, and Safety Zones(LCES); Look Up, Look Down, and Look Around; and SAFENET at www.nifc.gov
- (6) Homeland Security / FEMA (IS-700a and/or IS-800) Training Requirements for private sector first responder personnel.

28 – Exhibit 24

AFTERMARKET EQUIPMENT CERTIFICATION
(revised February 22, 2010)

ORIGINAL EQUIPMENT

Name of Contractor: _____
Description and Model: _____
Serial Number: _____
Operating Limitations: _____

AFTERMARKET EQUIPMENT

Description and Model: _____
Serial Number: _____
(Owner shall assign Serial Number if none is available – stamped on metal)
Tank Capacity: _____ Gallons _____
(Temporary fillers and spacers are not permitted.)
Baffles: _____

- One longitudinal baffle regardless of width and one transverse baffle at a minimum of every 52"
- All baffles must cover 75% of the plane of the tank
- Baffling. The water tanks shall be equipped with partitions that reduce the shifting of the water load. Free Floating Baffle System - baffles which reduce the shifting of the water load AND do not compromise the structural integrity of the originally manufactured tank are acceptable. If a Free Floating Baffle System is used the vendor must submit data sheets which validates that the baffling is sufficient to meet the manufacturer's recommendation.

CERTIFICATION OF AFTERMARKET EQUIPMENT MOUNTED ON ORIGINAL EQUIPMENT (Does Not Exceed Operational Limitations)

I certify that the addition of the prescribed aftermarket equipment will not exceed the original equipment operating limitations. Affix engineer's stamp or seal below.

Engineer Signature: _____ Date: _____

Engineer Printed Name: _____

License No.: _____ State: _____ Expiration: _____

If the individual signing this certification is not an Engineer you are required to complete the continuation sheet on the next page with the additional information requested.

AFTERMARKET EQUIPMENT CERTIFICATION – Continuation Sheet
(revised February 22, 2010)

Documentation of Qualification to Certify Aftermarket Equipment
Form will be kept on file with Aftermarket Certification.

Name of person providing certification: _____

Address: _____

Phone Number: _____ E-mail: _____

Engineering or other applicable education (include degree and institution): _____

Past experience in engineering, including design, analysis, manufacturing, testing, etc, if applicable. Attach additional information if needed: _____

Professional certifications or licenses: _____

Additional information documenting expertise: _____

References: Name and phone number: _____

Signature: _____ Date: _____

28 – Exhibit 25

Incident Equipment Repair Order

1. Contractor's Name		2. Date:	
3. Incident Name:		4. Incident Number:	5. "E" Number
6. Equipment Description (include year, make, model, serial number):			
7. Description of Work Performed			
8. Labor: Inclusive hours (rounded to the nearest ½ hour) work was performed: Total Labor Hours: _____ X _____ = \$ _____ <div style="display: flex; justify-content: space-around; width: 100%;"> Hourly Rate Total Labor </div>			9. Odometer Reading:
10. Parts and Accessories (Use reverse for additional Parts and Accessories if necessary):			
Parts Used	Quantity	Unit Price	Total
			\$
			\$
			\$
			\$
TOTAL PARTS:			\$
TOTAL LABOR (FROM BLOCK 8):			\$
TOTAL OF EQUIPMENT REPAIR ORDER:			\$
11. Signatures (must be legible):			
Contractor's Signature _____		Mechanic's Signature: _____	
Printed Name and Title: _____		Printed Name and Title: _____	
Date: _____		Date: _____	

Original = Finance
 Copy = Contractor

☐ Copy in Contractor's OF-304
☐ Posted to OF-286